

**KARTHIKEYAN THANGAVEL- M.E (Geotech), M.E (Str).**

No 73, Semangi,  
Pugalur taluk  
Karur district,  
India-639 117

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**ACADEMIC DETAILS**

Sl.No	Description	Year Passed	Grade
1	Diploma in Civil Engineering	2004	Distinction
2	B.E – Civil Engineering	2008	First Class
3	M.E. Soil Mechanics and Foundations	2011	First Class
4	M.E. Structural Engineering	2022	First Class

**PROFESSIONAL PERFORMANCE**

Sl.No	Description	Total Experience		Cumulative	
		Years	Months	Years	Months
1	MAYTAS INFRA LTD <u>Civil Engineer</u>	00	08	00	08
2	KSR COLLEGE OF ENGINEERING <u>Lecturer</u>	00	09	01	05
3	AFCONS INFRASTRUCTURE (P) LTD, <u>Geotechnical Engineer</u>	00	06	01	11
04	VSA COLLEGE OF ENGINEERING <u>Assistant Professor</u>	02	00	03	11
05	KARUR COLLEGE OF ENGINEERING <u>Head of the Department</u>	02	00	05	11
06	RIYADH VILLAS CONTRACTING CO <u>Project Manager – (Design and Steel Division)</u>	09	01	15	00
	PAANAYIL HEAVY ENGINEERING PROJECTS PVT LTD <u>Project Manager (Deputed by RVCC)</u>			-	-

## WORK

### EXPERIENCE

*15Years 00 Months*

<b>Total Experience</b>	<b>15 Years 00 Months</b>
Academician	41 Months
Industrial Professional	139 Months

#### **PAANAYIL HEAVY ENGINEERING AND PROJECTS PVT LTD.,**

Project Manager (Deputed from RVCC)

July 2019 to Till Date (Travel between KSA and INDIA)

#### **RIYADH VILLAS CONTRACTING CO., Riyadh**

Structural Engineer and Project Manager

Jul 2015 to Till Date (109 Months)

#### **Responsibilities**

- Planning, Commissioning, Executing, monitoring and completing the projects within the time limit and budget.
- Resource allocation and Budgeting for the projects
- Update the project work status and compare with fund flow and do the analysis
- Co-ordinate with the clients and project Engineers
- Preparation of Analysis and design calculations of steel structures, concrete structures, Geotechnical and Highway Structures for new structures
- Analyse and Design of economic structures for the pre-designed elements provided by main contractors.
- Preparation Schedule of Prices and tender documents
- Preparation of work breakdowns and method statements
- Preparation of project planning and schedule
- Initiating, monitoring and controlling the project progress
- Raising interim payments based on the progress
- Quality controlling and improving
- Preparation of activity wise working budget to projects
- Optimising the resource utilization

### **Additionally :**

#### ISO Management Representative

- Auditing the Company documents in department wise to ensure the updates and follow-ups , suggest to improve the documentations.
- Co-ordinate with ISO consultant and Company Department Heads
- Conduct trainings and meeting frequently to improve the quality

### **Major Projects**

#### **In India**

- Construction of New vedh -vighyan Auditorium Hall for Art of Living International Centre , Bengaluru, India. 32 Cr
- Design , Fabrication, Supply and Installation of Space Frame Structure for CHP, 2x660 MW USCTPP (3000 MT), Tamilnadu, India
- Fabrication and Installation of Conveyer galleries for 2x660 MW USCTPP (2000 MT), Tamilnadu, India
- Pre- Engineered Building Structures Various Clients in South India.
- Pre-Engineered SPA Structure for Katara Twin Tower Hotel, Lusail, Doha, Qatar.

#### **In KSA**

- Design, Procurement, Fabrication, Supply and Installation of Architectural metal items and Streetscape Elements in King Abdullah road western Part Phase II ( Part A, B and C) in Riyadh, K.S.A.
- Fabrication, Supply and Installation of architectural Metal items in Development of king Abdullah Road Eastern Part Phase-2, KAR, Riyadh. KSA

- Tunnel Project in Makkah Road across Salahudin Al Ayubi, Riyadh, KSA
- Construction of Highway kerbs and medians in Abi Bakr As-siddiq Road Phase -1, Riyadh, KSA
- Decorative GRP and Aluminium composite panel cladding in King Abdullah Road, Olaya street, Riyadh, KSA

### **AFCONS INFRASTRUCTURE (P) LTD, MUMBAI**

Management Training Engineer- Geotechnical

Jul 2011 to Dec 2011 (6 Months)

#### **Responsibilities**

- Onshore and offshore soil investigation
- Conduct Soil testing SPT, SCPT & Sampling
- Preparation of bore log report
- Driving Test pile , Sheet pile and Working piles
- Conduct pile load test and plate load test
- Bearing capacity evaluation based on bore log
- Interpret the load test results with bore log BC
- Preparation of BBS for structures
- Driving hollow circular tube pile onshore and offshore

#### **Projects**

- Design and Construction of unloading platform, approaching jetty, mooring dolphin, breasting dolphin including firefighting platform for PETRONET, Dahej, India

### **CONCORD CONSULTANTS, SALEM**

Design Engineer

Jan 2009 to Aug 2009 (7 Months)

#### **Responsibilities**

- Analysis the structures by using STAAD Pro.
- Design of reinforced concrete structures and steel structures
- Preparation design documents for approval (Submission)

## **MAYTAS Infra (P) Ltd, Hyderabad.**

Graduate Engineering Trainee

May 2008 to Jan 2009 **(8 Months)**

### **Responsibilities**

- Marking the highway alignment line based on the main survey station points
- Check the level of original ground, based on the NGL do the cutting and filling
- Construction of embankment, sub-grade, Granular Sub base, Wet mix macadam, Bituminous macadam of 20 km stretch
- Construction of kerb, riprap stone pitching, pipe culvert, single span and double span box culvert, pedestrian underpass and vehicle underpass including retaining walls

### **Projects**

- Construction of Salem to Ulundurpet National Highway NH68 toll road for 134 km including all flexible pavement and highway structures, Tamil Nadu, India.

Got the “**Best Trainee Award**” in MAYTAS Infra Ltd during the induction training period in construction management , course offered by National Institute of Construction Management and Research (NICMAR).

## **Karur College of Engineering, Karur -02**

Assistant Professor

Jan 2014 to till Date (May15) **(17 Months)**

### **Responsibilities**

Head of the Department 12 Months

Soil Lab In-Charge 17 Months

Soil Testing - Head 17 Months

Consultancy, R&D I/C 17 Months

Academic Coordinator 09 Months

Placement Officer 06 Months

**V.S.A Group of Institutions, Salem-10**

Assistant Professor

Jan 2012 to till Date      **(24 Months)**

**Additional Responsibilities**

Placement Coordinator    20 Months

Soil Lab In-Charge        24 Months

Academic Coordinator    12 Months

**EDUCATIONAL  
QUALIFICATION**

**MASTER OF ENGINEERING**

Structural Engineering - 2022

Soil Mechanics and Foundation Engineering -2011 First Class

**B.E., (Civil Engineering) -:** 2008 - First Class

**Diploma in Civil Engineering:** Year: 2004 - First Class

**PROGRAMME  
ORGANISED**

Organised CSIR Sponsored Two Day Workshop on “**Application of Remote Sensing and GIS on Water Management**” during 25<sup>th</sup> and 26<sup>th</sup> September 2013.

**EVENTS  
COORDINATED**

Skill Development Programme in Civil for Ms. Thriveni Earth Movers

Pvt. Ltd at VSA Group of Institutions, Salem-10

TNPSC Group II Assistant Engineer Coaching Class for Civil Engineers at VSA Group of Institutions, Salem-10

**PROGRAMMES  
PARTICIPATED  
COMPUTER  
COMPETENCE**

Auto CADD , STAAD Pro v8i, STAAD Connect Edition, RAM Connect, STAAD Foundation, SAP 2000 , ETABS, IDEA Statica, PROKON 5.0, ANSYS, MS Project, MS Office and Engineering related essential tools

**PERSONAL  
PROFILE**

Permanent Address No73, Semangi  
Karur District  
Tamil Nadu- 639 117

Date of Birth 23:04:1985

Marital Status Married

Nationality Indian

Languages Known Tamil , English, Hindi,  
**M0796552**

**PASSPORT No**

**DECLARATION**

I hereby declare that all statements furnished above are correct to the best of my knowledge and belief.

**Date:**

**Place:**

Yours Faithfully,  
S/D

(KARTHIKEYAN THANGAVEL)