

CURRICULUM VITAE (CV)– MR. GAGARIN. G

Purpose of this CV	<p>Like to Transfer the Knowledge, Experience and expertise to the budding Civil Engineers specially in Environmental engineering Filed.</p> <p>Guide the Students in practical filed and better placement through the contacts gained 30 Years in different concerns</p>		
Name	Mr. Gagarin. G		
Profession:	Water Supply and Sewerage Specialist & allied Environmental Projects. Experienced in conducting classes and Training		
Date of Birth	31-03-1961		
Years with Firm / Entity:	In TWAD Board from 1987 to 2019	Nationality: Indian	
Membership of Professional Societies:	NIL		
Detailed Tasks Assigned:	<ul style="list-style-type: none"> • Investigation, planning preparation of project reports to water supply and sewerage schemes • Implementing major combined watersupply schemes • Maintaining major water supply schemes • Designing water supply and sewerage components using softwares like LOOP 4, SEWER 3 etc., • Project planning using M.S project software • Having Knowledge of FIDIC contract conditions. • Worked as ESHS Engineer in ADB assisted schemes • Worked as quality control engineer in water supply and sewerage schemes 		
Key Qualifications:			
<p>More than 30 Years of experience in Water supply projects planning, implementation and maintenance in a Pioneer Government concern.</p> <p>Results-oriented Public Health Engineer with over 30 years of experience in meeting and fulfilling the basic need of rural and urban community in the state TAMILNADU. Strong Interpersonal, organizational, communication and problem solving skills.</p> <p>Having strong experience in formulation of new projects , Designing, Implementing and maintenance of urban water supply schemes and as a part organising the training to fellow engineers and staffs and awareness training program to local body repretatives and school children in water quality , rain water harvesting and sanitation</p>			
Education			
Year	Degree/Diploma	College/University	Main field
1993-1995	M. Tech	Sri. Jayachamarajendra College of Engineering, Mysore University.	Environmental Engineering
1979-1984	B.E	Madurai Kamaraj University, Thiagarajar College of Engineering, Madurai.	Civil Engineering

Employment Record

From January 2024	To: Till Now
Employer	Tamil Nādu Water Investment Company, Chennai
Position Held	Central Team Leader
Location	Chennai
Activities Performed	<p>Monitoring the 79 Town panchayats water supply schemes in TamilNadu funded by Government of India.</p> <p>Monitoring and guiding the 16 Team Leaders in different region and 257 filed engineers and supervisors under the Team Leaders.</p> <p>Analysing Project reports from 79 Town Panchayats and guiding in quality and design aspects in execution of projects.</p> <p>Grouping the progress reports and compiling them and submitting to the Director of Town Panchayats and Government of Tamil Nādu.</p> <p>Attending review by Government secretaires and presenting the reports and discussing</p>
From: May 2023	To: Nov 2023
Employer	CED, Trivandrum (KfW assisted capacity building Training Program)
Position Held	Water supply Expert
Location	Chennai
Activities Performed:	<p>Conceiving Training theme, Preparing Training Materials, Handling Training Sessions, Exploring the resource persons from Renowned Institutions' and Fields related to Urban Water supply & Sanitation, Co-ordinating with experts and conducting Training Program for the Engineers & operators Urban Local Bodies and Water supply organisations in Tamil Nadu</p>
Topics Covered	Emerging Technologies in Urban Water supply system
	Smart water metering and water network
	NRW and Management
	Automation in Urban water supply and control SCADA
	Emerging Challenges in Urban water supply
	Trouble shooting in Water supply Civil Structures
	Pump set & Pumping plant-periodical & Break down Maintenance
	Energy Audit
	Customer Complaint and redressal
	Water Balance approaches and Model
	24 x 7 water supply
	Urban water supply and climate resilient
	Customer Data management in Urban water supply system
	Water quality and surveillance
From: Mar 2019	To: May 2023
Employer:	Got retirement from TWAD and at present visiting Engineering colleges

	and polytechnic near my home and conducting training classes on career oriented and higher studies opportunities for the students
Position Held:	Independent educational consultant
Location:	Kovilpatti
Activities Performed:	Conducting classes to technical institutions near kovilpatti for career guidance and opportunities in higher education in aboard
From: Mar 2019	To: Mar 2019
Employer:	TWAD BOARD PROJECT DIVISION, VIRDHUNAGAR
Position Held:	Executive Engineer (i/c)
Location:	Virdhunagar District, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • In charge for maintenance of 14 water supply schemes in Virdhunagar District. • Ensuring uninterrupted drinking water supply to Municipalities, Town panchayats and Rural habitations in Virdhunagar Districts. With a team of Assistant Executive Engineers, Assistant Engineers and field staff . • Frequently meeting with District Collector, legislative members and discussing regarding the water supply status in entire district. • Organising and giving training to Field staff of TWAD Board, Local bodies regarding quality surveillance of drinking water supply
From: Mar 2014	To: Mar 2019
Employer:	TWAD BOARD RURAL WATER SUPPLY DIVISION, THOOTHUKUDI
Position Held:	Assistant Executive Engineer
Location:	Thoothukudi, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • <i>Planning and execution of Major Combined water supply schemes</i> • Combined water supply scheme to 248 rural habitations in Thoothukudi District. • This scheme comprising 850 K.M of pipe line from 350mm D.I to 50mm PVC. • Eight infiltration wells in River Tamirabarani, 8 No stand posts, 18 Number of intermediate sumps. • The total quantity drawn and pumped is 7.29 MLD.
From: May 2013	To: Mar 2014
Employer:	TWAD BOARD MAINTENACE DIVISION, KOVILPATTI
Position Held:	Assistant Executive Engineer
Location:	Kovilpatti, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Maintenance of Combined water supply schemes comprising 7 schemes, 224 habitations with quantity of 17 MLD. • Frequently conducting water quality status in TWAD Board lab to maintain drinking water standard and taking corrective measures to maintain the quality and quantity of water supplied to the beneficiaries • Designing and preparing project proposals to augment water supply to the rising demand of urbanisation and expansion of towns • Organising field visit to water structures like treatment plant to school and college children to enrich their knowledge

From: Mar 2013	To: May 2013
Employer:	TWAD BOARD PROJECT FORMULATION DIVISION, TIRUNELVELI
Position Held:	Assistant Engineer
Location:	Tirunelveli, Tamil Nadu
Activities Performed:	<p>Filed investigation and preliminary survey and details survey including source creation for</p> <ul style="list-style-type: none"> • Combined water supply scheme to Sankarankoil, Rajapalayam and Sivakasi. • Water supply scheme to Tsunami affected area in Thoothukudi. <p>.</p> <ul style="list-style-type: none"> • My role in this project is meeting with local authorities and beneficiaries • Preliminary survey regarding alignment fixing and source creation in River Thamirabarani • Started the details survey with the agency fixed by TWAD Board.
From: Dec 2010	To: Feb 2013
Employer:	HOGENAKKAL WATER SUPPLY PROJECT AIDED BY JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
Position Held:	Assistant Engineer & Training organiser
Location:	Dharmapuri & Krishnagiri Districts, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Worked in the Client side of The Construction of water Treatment Plant of 160 MLD with flat bottom clarifier under EPC contract with FIDIC condition. • FluorosisMitigation Programme in Dharmapuri & Krishnagiri Districts. Organising Training for Doctors, Nurses, Teachers and social workers Regarding fluorosis and monitoring the effectiveness of training in Mitigation
From: Dec 2009	To: Nov 2010
Employer:	MINISTRY OF URBAN DEVELOPMENT, GOVERNMENT OF INDIA, NEW DELHI(CPHEEO)
Position Held:	Deputy Project Manager (Assistant Advisor)
Location:	NEW DELHI
Activities Performed:	<ul style="list-style-type: none"> • Appraising the projects in Water Supply, sewerage, Storm Water Drainage and Solid waste Management for funding by Government of India. • Associated with GTZ, German Government in Co-Processing of Solid waste in Cement Industry. • Associated with the Ministry of Environment in policy making in the field of Disposal of CFL and TFL. • Associated with the activities of Government of India in planning commission.
From: Nov2006	To: Nov 2009
Employer:	TWAD BOARD, UNDERGROUND SEWARAGE DIVISION, VIRUDHUNAGAR
Position Held:	Assistant Engineer
Location:	Virudhunagar, Tamil Nadu

Activities Performed:	<ul style="list-style-type: none"> • Checking the OASIS Design submitted by the Shah Technical Consultants, Mumbai by using field data's and TWAD computer software. • Planning and executing the underground sewerage scheme to Virudhunagar Municipality. • The scheme cost is 23.25 crores, aided by TNUDP – III fund. • The scheme comprises of 77 km sewer line, 4 Nos lifting stations, 2 Nos pumping stations to benefit the population of 93000 in the year 2038. • The expected collection of waste water quantity is 8.37MLD and proposed to treat by using facultative ponds and polishing ponds and the treated effluent will be used for cultivating fodder grass for cattle's. • Preparation of EIA for the STP
From: Apr2006	To: Nov 2006
Employer:	TWAD BOARD, MAINTENANCE DIVISION, THOOTHUKUDI
Position Held:	Assistant Engineer
Location:	Thoothukudi, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Maintenance of 20 MGD water supply scheme. • The infra structures are off take arrangements, clarifluculators, rapid sand filters, pumping main of 1200mm dia PSC to 400mm dia A.C pipes, pump sets varying from 200H.P to 40 H.P. • The beneficiaries are of industrial nature Viz., SPIC, Thoothukudi Thermal Power Plant, STERILITE, Heavy Water Plant and DCW.
From: May 2001	To: Apr 2006
Employer:	TWAD BOARD, URBAN DIVISION, KOVILPATTI
Position Held:	Assistant Engineer
Location:	Kovilpatti, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Planning and execution of Major Combined water supply scheme. • The Scheme cost is 35.26 crores INR, aided by AUWSP fund from Government of India. • The scheme comprises of 10 Nos infiltration wells, pumping main and branch pumping main of size varies from 600mm PSC to 140mm PVC for a length of about 120Km. • The beneficiaries includes 3 Town panchayats, 1 Municipality and 161 wayside rural habitations. • Coordinating with Railway , National Highways Authority of India, State Highways and State Electricity Board and local bodies are of main task in implementation and done successfully.
From: July1997	To: May 2001
Employer:	TWAD BOARD, RWS DIVISION, THOOTHUKUDI
Position Held:	Assistant Engineer
Location:	Thoothukudi, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Planning, creation and implementation of rural water supply schemes in Ottapidaram union. • During this work conducted awareness meeting and programmes to rural public regarding rain water harvesting, fluorosis, low cast sanitation practices and trained the rural people in maintenance of hand pumps by themselves.

	<ul style="list-style-type: none"> The rural water supply programmes in this period were implemented with the local body rural community participation during planning the source, and other infrastructures. Further the habitations of SC/ST was taken special attention to uplift their living condition in getting safe drinking water and good sanitation practices.
From: May 1995	To: July 1997
Employer:	TWAD BOARD, URBAN DIVISION, TIRUNELVELI & KOVILPATTI
Position Held:	Assistant Engineer
Location:	Tirunelveli & Kovilpatti, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> Planning execution and billing of urban water supply scheme comprises of components 5 lakh litres capacity service reservoir, changing of pump sets at boosters to ultimate capacity. Commissioning of major CWSS (<i>CWSS to kadambur, Pudur, Vilathikulam and 180 Wayside habitations of Estimate vale Rs.27.47 Crores</i>) comprises of infiltration well of dia 3.0 m, 14 booster stations, pumping main and branch main of length about 360km varies from 350mm PSC main to 63mm PVC pipes. The scheme covers 3 Urban Town Panchayats, 180 Wayside Rural Habitations.
From: May 1991	To: Aug 1993
Employer:	TWAD BOARD, WORLD BANK PROJECT MONITORING CELL, MADRAS
Position Held:	Assistant Engineer
Location:	Madras, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> Monitoring of World Bank project execution works by region level. Coordinating with various consultants in carrying out the studies like Socio – economic survey, Stepped tariff studies, Leak detection study, Arial survey by NRSA. This involves collection of data from field level, grouping and processing and feeding the data to suit to consultant's requirements for study and report. Assisting TWAD in preparing TOR for consultants and MOU, and involved in preparation of aid-memoire and details for the wrap up meeting by World Bank officials with TWAD and Government of Tamilnadu.
From: Oct 1990	To: May 1991
Employer:	TWAD BOARD, SPECIAL PROJECT FORMULATION DIVISION, MADRAS.
Position Held:	Assistant Engineer
Location:	Madras, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> Investigation and planning and designing of water supply scheme to adjacent urban areas of Madras under Telugu Ganga project. During this work collection of data from various departments compass, levelling survey works preparation of plans and designing of infrastructures in water supply.
From: Nov 1989	To: Oct 1990
Employer:	TWAD BOARD, TIRUPUR WATER SUPPLY PROJECT DIVISION,

	METTUPALAYAM.
Position Held:	Assistant Engineer
Location:	Mettupalayam, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Planning, Execution and billing for urban natured works. • The scheme comprises of components like collector well in Bhavani River, laying of gravity main using PSC pipes of dia 300 to 500mm, construction of 1 Lakh litre service reservoir and distribution networks.
From: Mar 1987	To: Nov 1989
Employer:	TWAD BOARD, URBAN DIVISION, DINDIGUL.
Position Held:	Assistant Engineer
Location:	Dindigul, Tamil Nadu
Activities Performed:	<ul style="list-style-type: none"> • Planning, Execution of urban scheme. • The scheme comprise of components like 10 lakh litres 15 lakh litres service reservoirs, distribution networks for about 30km. • Construction of water treatment plant in Kodaikanal. Laying of pipes in hilly terrain etc.

Personal Information:

**Residence: 10J. Karunanithi nagar 3rd Street,
Kovilpatti – 628 501**

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E mail: ggagarin2009@gmail.com

Languages:

Languages	Speak	Read	Write
English	Good	Good	Good
Tamil	Good	Good	Good
Hindi	Good	-	-
Telegu	Good		

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

(Gagarin.G)