

# AACP Infrastructure Systems Pvt. Ltd.

Sustaining Water



[AACPINFRA.COM](http://AACPINFRA.COM)





# ABOUT

- Over 25 years of industry experience in the field of irrigation projects, earthworks, rain water harvesting development projects, and infrastructure projects.
- Currently in an aggressive expansion phase by hiring and sourcing talented individuals, continuously innovating our project management techniques (BIM, going Lean, etc.) and expanding our portfolio of projects and services.
- Headquartered in Bangalore with strong industrial presence across South India, including Chennai, Kerala, and Hyderabad.
- Privileged to be associated with leading organizations such as Toyota Kirloskar, Bosch, VaTech Wabag, Ondeo Degramount, Container Corporation of India, etc.





# WATER CONSERVATION POLICY

- AACP will recycle & reuse water wherever possible. Rain Water Harvesting will be done wherever possible.
- AACP will measure water usage per month to improve water usage. Will adopt new technologies wherever possible to conserve water.
- AACP will ensure the waste water from site will not run off and pollute adjoining water bodies.
- AACP will seek to develop at least one lake per year. We will work with diminished profit margins if we have to in order to bring this goal to fruition.
- AACP will work with manufacturing firms to implement Rain Water Harvesting Ponds to help conserve water.





# SAFETY POLICY

- Zero total recordable injuries.
- Zero reportable environmental incidents.
- 100% incident reporting and recording.
- 100% adherence of usage of appropriate PPE's at work.
- Executing of works with least disturbance to other works.
- Achieve an Injury Free Environment







# QUALITY POLICY

- AACP upholds itself to highest of quality standards Each activity is tested, be it for concrete, road, earthworks, pipeline works, etc.
- We have been associated with reputed testing agencies like Bureau Veritas (Previously Civil Aid), Sigma Testing & Research Center, etc. to help meet our quality control standards
- Daily Progress Report is monitored & each activity documented in line with IS 9001:2008
- Our core principal is that each activity needs to be performed with perfection & precision





# EQUIPMENT

- Excavators
- Rock Breakers
- Road Rollers
- Compressors
- Soil Compactors
- Motor Graders
- Water Tankers
- Dumpers
- Front End Loaders
- Back Hoe Loaders
- Staging, Scaffolding Materials





# EXPERTISE

- Lake Development
- Rain Water Harvesting Ponds
- Environmental Projects
- Afforestation and Landscaping
- Underground Pipeline & Drains
- Site Grading
- Renewable Energy Projects
- Cold Ready Mix Asphaltting
- Facility Management
- Concrete Works



# FEATURED PROJECTS



BOSCH (Bidadi)



RWH (TKML)



Abbankuppe Lake



RWH (TKAP)



Client : BOSCH ( Bidadi )

## Nature of Work : Land Reclamation & Nala Rerouting

- Land reclamation was carried out on about 100 Acres of undulated land. The difference between the topmost and the bottommost point being 14m required cutting and filling of about 5,50,000 m<sup>3</sup> of soil followed by multiple layers of compaction.
- NALA passing through the middle of the site was diverted using 2400mm spun pipes placed underground. The underground pipeline stretching 800m was laid at a slope of 1m and individual pipes connected using single joint rubber ring.
- In line with our corporate social responsibility goals, we enacted risk management protocols to protect the wildlife such as snakes and other animals.



Client : Toyota Kirloskar Motors Ltd.

## Nature of Work : Rain Water Harvesting & Eco Zone Works

- About 40,000 cum of excavation was carried out and the surfaces were compacted and leveled to achieve the desired dry density. Other activities like civil works such as staircase construction, masonry works around the hume pipe, hume pipe laying and sluice gate fixing were also carried out.
- Eco Zone, which is TKM's CSR activity required, cutting and filling about 80,000 cum of soil, followed by compaction to reach the required optimum moisture content (OMC) & dry density. The finished surface looks like a beautiful golf course.



Client : Toyota Kirloskar Motors Ltd.

Nature of Work : Rain Water Harvesting & Eco Zone Works



Eco Zone Works



Pond Work



Small Pond at  
Eco Zone



Client : Toyota Kirloskar Motors Ltd.

## Nature of Work : Abbanakuppe Lake Rejuvenation

- Pre-existing water in the lake was drained by siphoning and de-watering.
- De-silting, Sludge Removal and Appu Jondu removal were carried out.
- The pre-existing bund was re-aligned from s-shape to a straight section and new bunds were prepared. Stone & Hariyala Pitching were laid on the side of the bunds.
- Waste Weir, Silt Trap, Collection Chamber, Drains, were constructed.
- The entire lake was fenced using block masonry and MS sections. Majority of the activities were carried out off-site to improve quality and reduce time-taken for completion.



**Client : Toyota Kirloskar Motors Ltd.**

**Nature of Work : Abbanakuppe Lake Rejuvenation**

Solutions to Difficult Problems Faced During The Project

- A quarry strike threatened to delay the project, but due to our good relationships with our suppliers we were able to carry out project without significant delay.
- Red Soil for Bund Formation was in short supply. But, we were able to overcome it as we have projects all around Bangalore, and were able to utilize excavated soil from other sites.
- When there seemed to be a lag in schedule we were immediately able to mobilize additional resources from adjacent projects to expedite progress.



# Client : Toyota Kirloskar Motors Ltd.

## Nature of Work : Abbanakuppe Lake Rejuvenation



Pre-Existing Lake



Bund Formation



Bund Alignment



# Client : Toyota Kirloskar Motors Ltd.

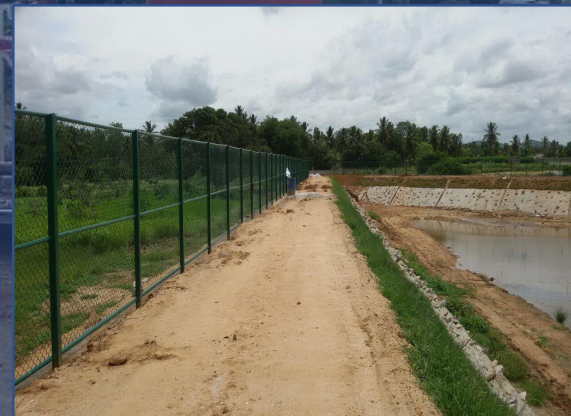
## Nature of Work : Abbanakuppe Lake Rejuvenation



Waste Weir



Hariyala & Stone  
Pitching



Fencing &  
Hariyala Pitching



Client : Toyota Kirloskar Auto Parts

Nature of Work : Rain Water Harvesting Pond II

- Working on our 4<sup>th</sup> Rain Water Harvesting Pond, we decided to challenge ourselves by completing this project within 75% of the time allotted to us.
- We are happy to say that, the time limit imposed by us has been met and the work has been carried out without any quality or safety issue.
- The RWH Pond required deep excavation as well as minor civil works for spillways, hume pipe laying, etc.
- Precise calculations as well as experience helps us in saving costs for the clients by optimizing the cutting & filling of soil.



# Client : Toyota Kirloskar Auto Parts

## Nature of Work : Rain Water Harvesting Pond II



Kick Off Meeting



Machinery



Excavation





# FEATURED SUSTAINABLE PROJECTS

- Abbanakuppe Lake Rejuvenation Project | TKML | 2017-18
- Eco Zone & Pond Works | TKML | 2017-18
- Water Treatment Plant Cherthala | VA Tech Wabag | 2012-13
- Rain Water Harvesting Pond II | TKAP | 2018-19
- Solar Plant | BOSCH | 2014-15
- Meenad Water Scheme | VA Tech Wabag | 2012-13
- Afforestation | TKML | 2017-18
- Pond Modification | TKAP | 2016-17
- Rain Water Harvesting Pond | TKML | 2013-14





# ON-GOING PROJECTS

- Abbanakuppe Lake Rejuvenation Project Phase II | TKML
- Eco Zone Road Works & Wetland Development | TKML
- Road Rectification | TKML
- Afforestation | TKAP
- Surface Rectification & Drainage Preparation | TLI
- External Development | Brigade Orchards
- Phase II Road Works & Pipeline Works | BOSCH







# WHY CHOOSE AACP?

- AACP is constantly innovating its project management and civil engineering techniques to be on the forefront of the industry.
- We abide by all the statutory regulations such as PF, ESI, GST, etc. thereby eliminating your compliance risk. Our quality & safety standards are the best in the industry. You can sleep well knowing that there will not be any quality or safety violation.
- Our huge fleet of equipment are well maintained and are ready to be deployed whenever required.
- All put together, we understand that you're trying to create a magnificent project. You can be rest assured that our talented team of engineers and project managers will execute your project with utmost professionalism.



# TESTIMONIALS

"The performance of the agency in the execution of Air Force - Runway extension at Yelhanka was found to be good and having experienced staff, they have completed the project in time and to our Airforce Officers satisfaction."

P.J SHAH, ANUPAM BUILDERS

"The work done by AACPF in the execution of deep earthwork excavation for our Mantri project at mallechwaram was done very well by their talented staff."

PRASAD BHORE, MANTRI DEVELOPERS

"With their most technically experienced staff for the road works, they have completed the project in time to our client's satisfaction. We wish them all the success in their future endeavours."

K.KULENTHIRAN, MISTRY ARCHITECTS





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AACP

THANK YOU

HAVE A NICE DAY!

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