



*Celebrating 25 years of excellence*

# Newsletter

Vol 8

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May 2025



**Muzhappilangad Beach**

**Kerala Infrastructure Investment Fund Board**

[www.kiifb.org](http://www.kiifb.org)





# Projects - Statistics

| Department                              | KIIFB Approved Projects  |                               |
|---|--------------------------|-------------------------------|
|   | No. of Projects Approved | Approved Amount (₹. in Crore) |
| PWD                                     | 513                      | ₹ 33,461                      |
| Agriculture                             | 1                        | ₹ 21                          |
| Animal Husbandry                        | 1                        | ₹ 16                          |
| Ayush                                   | 2                        | ₹ 183                         |
| Backward Classes Development Department | 1                        | ₹ 18                          |
| Coastal Shipping & Inland Navigation    | 18                       | ₹ 3,503                       |
| Culture                                 | 17                       | ₹ 499                         |
| Devaswom                                | 2                        | ₹ 139                         |
| Fisheries and Ports                     | 26                       | ₹ 555                         |
| Forest                                  | 5                        | ₹ 591                         |
| General Education                       | 158                      | ₹ 3,218                       |
| Health & Family Welfare                 | 95                       | ₹ 6,321                       |
| Higher Education                        | 63                       | ₹ 1,935                       |
| Home                                    | 6                        | ₹ 231                         |
| Industries                              | 2                        | ₹ 71                          |
| Information Technology                  | 5                        | ₹ 1,652                       |
| Labour & Skills                         | 5                        | ₹ 94                          |
| Local Self Government                   | 25                       | ₹ 790                         |
| Power                                   | 18                       | ₹ 5,200                       |
| Planning & Economic Affairs Department  | 2                        | ₹ 138                         |
| Registration                            | 6                        | ₹ 89                          |
| Revenue                                 | 5                        | ₹ 96                          |
| SC/ST Development                       | 10                       | ₹ 182                         |
| Science & Technology Department         | 4                        | ₹ 58                          |
| Sports & YA                             | 41                       | ₹ 879                         |
| Tourism                                 | 14                       | ₹ 619                         |
| Transport                               | 3                        | ₹ 601                         |
| Water Resources                         | 101                      | ₹ 6,912                       |
| <b>Total</b>                            | <b>1149</b>              | <b>₹ 68,070</b>               |

| Projects under Land Acquisition<br>Pool of ₹ 20,000 Crore          |          |                    |
|--|----------|--------------------|
| PWD-NHAI   | 1        | ₹ 6,769 .01        |
| Industrial Parks - 3 projects - ₹13988.63 Cr                       | 6        | ₹ 16,403.23        |
| Taking over of land from HNL - ₹ 200.60 Cr                         |          |                    |
| Kochi - Bangalore Industrial Corridor & Global City - ₹ 2214.00 Cr |          |                    |
| <b>Total</b>   | <b>7</b> | <b>₹ 23,172.24</b> |

| KIIFB Approved Projects<br>Grand Total               |             |                     |
|--|-------------|---------------------|
| Infrastructure Projects                              | 1149        | ₹ 68,070            |
| Projects under Land Acquisition Pool                 | 7           | ₹ 20,000            |
| <b>Total</b>   | <b>1156</b> | <b>₹ 88,070</b>     |
| <i>Fund disbursed to projects (as on 30/04/2025)</i> |             | <b>₹ 35,149 Cr.</b> |



# Editorial

It was T.S. Eliot who wrote, “April is the cruellest month.” April 2025 bore witness to the final journey of one of the world’s most revered figures — Pope Francis.

In his autobiography, recently launched by Penguin Books simultaneously in 36 countries, Pope Francis reflects: “Only those who build bridges can move forward. Those who build walls will become prisoners of the walls they put up.”

Yes, it is a universal truth. When we build bridges, we connect not only islands or villages — we connect minds, cultures, and even the past to the present.

This spirit of connection finds its embodiment in the Perumbalam Bridge, linking a beautiful island nestled in the Vembanad Lake to the mainland of Kochi. After decades of waiting, the people of Perumbalam will soon be able to travel to the city on their own bikes and cars. For the first time, public transport will reach the island — school buses, ambulances, and daily commuters will make their maiden journey across this engineering marvel.

This is the largest bridge ever constructed across the Vembanad Lake and is now seen as a gateway to progress and prosperity. With KIIFB investing 106 crore, 90% of the work has already been completed. We remain hopeful that the project will be fully completed by October 2025.

The Perumbalam Bridge is just one among 96 bridges and 58 rail overbridges being constructed with KIIFB’s support. These projects are not just about concrete and steel — they are about transformation. They bring opportunities for tourism, better access to education and healthcare, and significantly uplift the quality of life for local communities.

As part of the fourth anniversary celebrations of the Government, KIIFB actively participated in the ‘Ente Keralam’ exhibition, held across all fourteen districts. Thousands of citizens had the opportunity to gain a bird’s eye view of the wide range of infrastructure projects that KIIFB is supporting across the State.

Going forward, KIIFB’s focus is firmly set on projects slated for completion in the upcoming financial year, as well as those ready to be launched within the next three quarters. Successful execution of these targets will yield significant benefits across multiple sectors in Kerala, serving as a valuable contribution to the vision of ‘Nava Keralam’.

Happy reading!! STAY TUNED

**Chief Editor**

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# Contents

|  |           |
|--|-----------|
| <b>1. Sreekaryam Flyover:<br/>Bridging Thiruvananthapuram's Future</b>   | <b>5</b>  |
| <b>2. Comprehensive Development of<br/>Muzhuppilangad - Dharmadom<br/>Beach in Kannur District</b>   | <b>10</b> |
| <b>3. Sustainability Milestone: KIIFB's CCRC<br/>Project Awarded EDGE Green Certification</b>  | <b>15</b> |
| <b>4. Building a Legacy of Excellence: A<br/>Comprehensive Look at Total Quality<br/>Management in Construction</b><br>Jothish Ben, Senior Technical Advisor | <b>16</b> |
| <b>5. Economy &amp; Market Watch</b><br>Ajosh Krishnakumar, General Manager,<br>Finance & Administration   | <b>20</b> |
| <b>6. KIIFB's Presence in "ENTE KERALAM 2025"</b>  | <b>22</b> |
| <b>7. Tender Updates - April 2025</b>  | <b>24</b> |



*Muzhuppilangad Beach  
Courtesy :  
Mohammed Irshad R  
Senior Inspection Engineer*



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# Sreekaryam Flyover: Bridging Thiruvananthapuram's Future

## Introduction

Thiruvananthapuram, the capital of Kerala, is a city rapidly expanding its urban footprint. However, along with growth comes the inevitable challenge of traffic congestion — particularly at critical junctions. Sreekaryam Junction had long been a major choke point, crippling vehicular movement along the NH-66 corridor. Recognizing the urgent need for sustainable traffic management, the Government of Kerala undertook the Sreekaryam Flyover Project, a transformative infrastructure initiative aimed at decongesting this vital urban node.

On January 6, 2025, Hon'ble Chief Minister Pinarayi Vijayan inaugurated the project, marking the beginning of a new era in urban mobility for Thiruvananthapuram. Planned meticulously alongside the upcoming Light Metro Rail Project, the flyover stands as a testimony to integrated urban development, smart planning, and engineering excellence.

### Project Overview

- **Total length of project:** 675m
- **Bridge Portion:** 535m
- **Approach Road:** 140m
- **Overall Width:** 32.8m
  - **Bridge portion:** Total width of 18.8m with Dual Carriageways of 2 × 7.5 m each with crash barriers on both sides.
  - **Service road:** 5.5m wide service road with one-side footpath of 1.5m width is provided on both sides.

- **Construction Contract Value:** ₹60.49 Crores
- **Revised Project Cost** (including land acquisition): ₹168.68 Crores
- **Special Purpose Vehicle (SPV):** Kochi Metro Rail Limited (KMRL)
- **Contractor:** M/s. Cherian Varkey Construction Co Pvt Ltd
- **Time of Completion:** 18 months

**Key Feature:** The flyover is designed with centric piers commonly to integrate the proposed Light Metro Rail corridor, optimizing land use and reducing costs.

## Engineering and Design Features

### Alignment and Planning

- The flyover originates near Pangappara Junction and extends over the busy Sreekaryam junction.
- Alignment is carefully planned to coincide with the Light Metro Rail alignment to minimize disruption.
- 1.33 hectares of land has been acquired after detailed Social Impact Assessment (SIA) studies.

**Landmark Feature:** Coordination between fly-over piers and Metro columns ensures both modes of transport coexist efficiently.



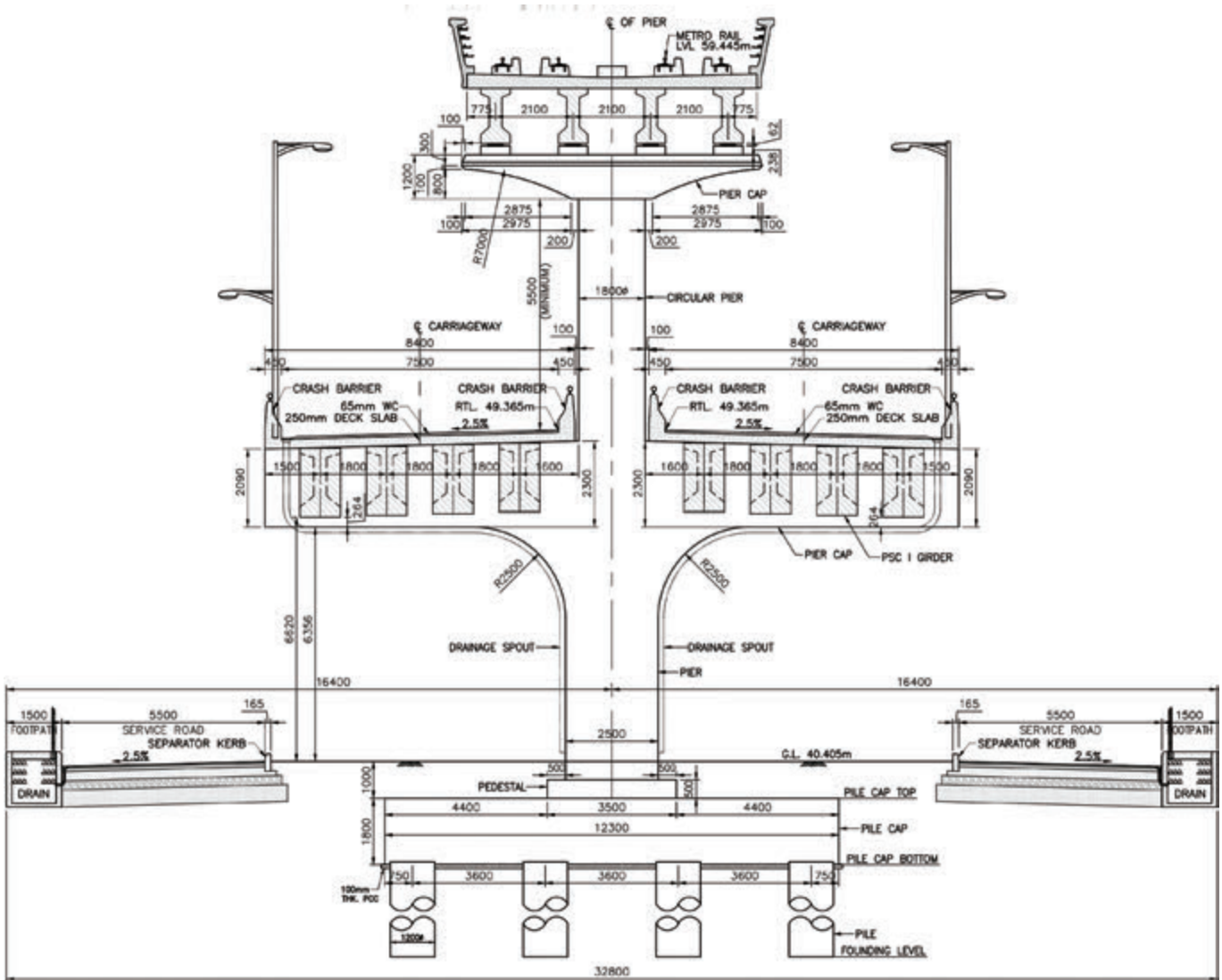
| Component        | Description   |                       |   |
|------------------|---|-----------------------|---|
| Foundation       | Bored Cast-in-Situ RCC Piles, socketed into hard rock       | Bearings              | Elastomeric Bearings for flexibility and load distribution        |
| Substructure     | RCC Pile Caps and Portal Piers                              | Approach Structures   | Reinforced Earth (RE) Retaining Walls with RCC fascia panels      |
| Superstructure   | Precast Post-tensioned Segmental Concrete Girders           | Service Roads         | Two-way service roads with independent drainage and utility ducts |
| Deck Slab        | In-situ RCC casting, integrated with precast girders        | Pedestrian Facilities | 1.5-meter-wide footpaths with crash barriers and handrails        |
| Expansion Joints | Strip Seal Expansion Joints to accommodate thermal movement | Utility Integration   | RCC Ducts for power, water, telecom below service roads           |

### Alignment Drawing





Section details



**Technical Highlights**

- **Pile Foundations:**
  - 1200 mm diameter bored piles designed to withstand seismic and traffic loads.
  - Static bridge load testing conducted for quality assurance.
- **Reinforced Earth Walls:**
  - RE walls at approaches to minimize ramp length, optimize land usage, and reduce cost.
- **Deck Superstructure:**
  - Precast segments post-tensioned at site, reducing overall construction time and improving quality control.
- **Surface Works:**
  - Approach Road : Dense Bituminous Macadam (DBM) and Bituminous Concrete (BC) surfacing for durability.
  - Bridge portion: Mastic Asphalt and Bituminous Concrete (BC)



• **Drainage System:**

- o Integrated deck drainage pipes and roadside drains to ensure quick runoff

• **Electrification:**

- o Provision for LED streetlights, ensuring safety and energy efficiency.

| Component   | Cost          |
|---|---------------|
| Civil & Electrical Works (Flyover and Approaches) | ₹62.29 Crores |
| Utility Shifting                                  | ₹8.03 Crores  |

|                                   |                |
|-----------------------------------|----------------|
| Land Acquisition and Compensation | ₹98.36 Crores  |
| Total Project Cost                | ₹168.68 Crores |



*Dignitaries Present:*

Shri Pinarayi Vijayan, Chief Minister of Kerala, Shri P.A. Mohamed Riyas, Minister for Public Works, Shri K.N. Balagopal, Minister for Finance, Shri V. Sivankutty, Minister for Education, Local MLAs, District Collector, KRFB and KIIFB officials

**Chief Minister’s Remarks:**

“The Sreekrishna Flyover symbolizes not just a bridge over traffic congestion, but a bridge to a future where infrastructure development and public convenience go hand in hand.”

The function was presided over by Public Works Minister P.A. Mohamed Riyas, who said that the Government is committed to doing everything possible in the field of infrastructure development.



### Initial works in progress.

#### Future Prospects and Integration with Metro Rail

The Sreekaryam Flyover is more than a standalone project — it forms a critical link in Thiruvananthapuram’s upcoming Light Metro Rail Phase-I corridor (Technocity to Karamana).

- **Common Piers:** Reduce duplication of structures, optimize cost.
- **Integrated Transit System:** Smooth interchange between road traffic and Metro system.
- **Enhanced Urban Mobility:** Facilitate faster, multimodal transportation options across the city.

### Conclusion

The Sreekaryam Flyover Project exemplifies the Kerala Government’s commitment to sustainable, integrated, and people-centric infrastructure development. Through meticulous engineering, financial prudence, and visionary planning, the project is poised to transform the daily lives of thousands of commuters in Thiruvananthapuram.

As the bridge takes shape and the Light Metro Rail advances, Sreekaryam will no longer be a symbol of urban chaos — it will stand as a beacon of modern mobility and city-building excellence.

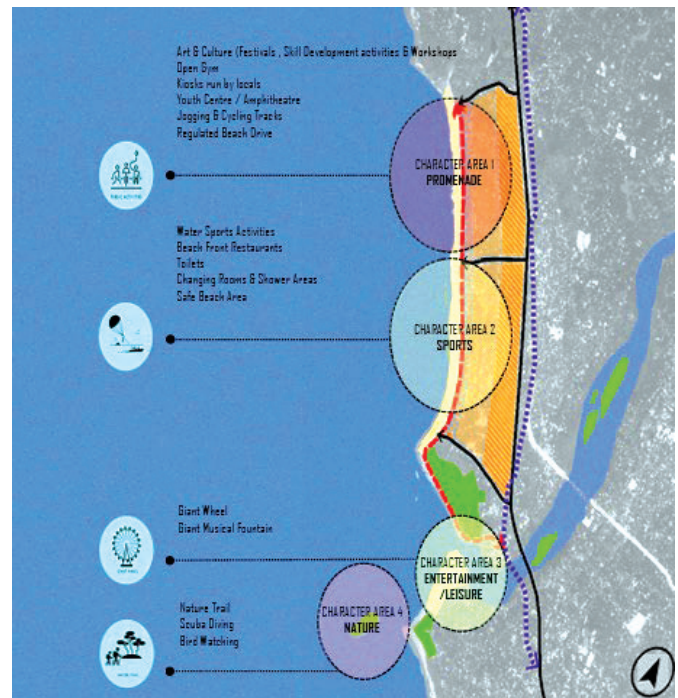
# Comprehensive Development of Muzhappilangad - Dharmadom Beach in Kannur District

## Introduction

Muzhappilangad Beach, located in Kannur, Kerala, is India’s longest drive-in beach and one of only a few in the world. It has been internationally recognized by the BBC as one of the “6 Best Beaches for Driving in the World.” With its 4-kilometer stretch of compact sandy shoreline, shallow waters, and scenic beauty, the beach has emerged as a popular destination for locals and tourists alike. Despite this natural appeal, Muzhappilangad remains underdeveloped in terms of tourism infrastructure and visitor engagement. The beach currently lacks basic amenities, accommodation options, high-end dining, and recreational activities that would enable tourists to extend their stay and fully explore the locale.

Recognizing the importance of this location, the Government of Kerala, through the revised Budget Speech of 2016–17, announced the “Development of Muzhappilangad and Dharmadom Beach in Kannur District” as a flagship tourism project under KIIFB funding. An in-principle Administrative Sanction of Rs. 233.72 Crore was approved for the project. Kerala Irrigation Infrastructure Development Corporation (KIIDC) has been appointed as the Special Purpose Vehicle to execute the project. The project proposes a zoned masterplan dividing the

site into four unique “Character Areas,” each offering specific experiences: a promenade for organized drive-in and family recreation, a water sports hub, an entertainment zone at Dharmadom Beach, and a nature-based tourism experience on Dharmadom Island. Through thoughtful spatial planning, infrastructure development, and community involvement, the project aims to elevate the visitor experience while safeguarding the ecological and cultural integrity of the region.





## Scope

The scope of the Muzhappilangad–Dharmadom Tourism Development Project covers:

- A total investment of Rs. 233.72 Crore under KIIIFB with KIIDC as the executing agency.
- **Phased Masterplan Execution:**
  - o **Character Area 01 – Promenade (Completed)**  
Focuses on **Art & Culture, Open Gym, Kiosks, Youth Centre/ Amphitheatre, Jogging & Cycling Tracks, and Regulated Beach Drive**. Financial sanction of Rs. 79.51 Cr has been approved for this phase.
  - o **Character Area 02 – Promenade & Sports (Financial bid opened; LoA issuance pending CRZ clearance)**  
Will feature **Water Sports Activities, Beachfront Restaurants, Toilets, Changing Rooms & Shower Areas, a Safe Beach Zone,**
  - o **Character Area 02B - Giant Wheel.**
  - o **Character Area 03 – Entertainment Leisure (DPR Being Finalized)**  
Envisions a **Giant Musical Fountain**, supported by leisure and entertainment facilities and a **Pedestrian Bridge**
  - o **Character Area 04 – Nature (DPR Being Finalized)**  
Includes a **Nature Trail, Scuba Diving, and Bird Watching** at Dharmadom Island, emphasizing ecological tourism and conservation.
- **Ecological Integration:** Careful planning to protect natural formations like black rocks and ecosystems on Dharmadom Island.
- **Visitor Engagement and Safety:** Zoning of beach activities (e.g., separating drive-in and water sports zones) for safer and more curated experiences.

- **Local Economic Development:** Enabling opportunities for local businesses, homestays, and artisans.

## Objectives

1. **To Establish Muzhappilangad–Dharmadom as a Premier Coastal Tourism Hub**  
Develop a globally recognized, world-class tourist destination while preserving the region’s cultural and environmental assets.
2. **To Successfully Implement a Rs. 233.72 Crore KIIIFB-Funded Project**  
Ensure timely and quality execution across all four character-areas through KIIDC, with coordinated planning and phased development.
3. **To Provide a Thematic and Zoned Visitor Experience**
4. **To Encourage Longer Tourist Stays and Diverse Activities**  
Introduce amenities like amphitheatres, giant wheels, pedestrian bridges, musical fountains, nature trails, and more.
5. **To Promote Environmental Sustainability and Cultural Conservation**  
Design with a minimal ecological footprint while celebrating the natural and heritage richness of the area.
6. **To Generate Inclusive Economic Growth**  
Boost local employment and entrepreneurship through tourism-related businesses and community participation.
7. **To Improve Access, Safety, and Tourist Infrastructure**  
Offer enhanced amenities, transport connectivity, and clear zoning for improved comfort, safety, and tourist satisfaction.



### **Character Area 01 – Walkway on the Northern Side of Muzhappilangad Beach (Project Length: 1.2 km)**

Financial sanction was issued by KIIIFB on 17th March 2022 for an amount of Rs. 79.51 Cr.

- M/s Uralungal Labor Contract Cooperative Society was entrusted with the execution of works in Character Area 1.
- Site handover was completed on 26-08-2022.
- Contract awarded for Rs. 61.62 crore.

#### **Key Project Elements:**

- A promenade constructed on elevated piles above sea level, housing all recreational facilities.
- 1.2 km long and 18 m wide green walkway featuring children’s play areas, seating zones, and gazebos.
- Public amenities such as toilets, 15 kiosks, decorative lighting, shaded structures, and sculptures.
- Renovation of the adjoining 1.2 km access road.

#### **Current Status:**

Works were completed in April 2025. The facility was inaugurated by the Honourable Chief Minister of Kerala on 04 May 2025 and is now open to the public.









# Sustainability Milestone: KIIFB's CCRC Project Awarded EDGE Green Certification

The Cochin Cancer Research Centre (CCRC), a KIIFB-funded building project, was awarded the EDGE certification by the Green Business Certification Inc. (GBCI) on 20th March 2025, thereby becoming the first project in Kerala to receive this prestigious recognition. "Excellence in Design for Greater Efficiencies" or EDGE is an international green building certification programme instituted by the International Finance Corporation (IFC), a member of the World Bank Group. CCRC, envisaged as a state-of-the-art cancer care and research facility, is a nine-storeyed building sprawling over 6.32 lakh square feet with 451 beds.

The project incorporated solar power, energy-effi-

cient lighting, cooling and ventilation systems, rainwater harvesting, low-flow plumbing fixtures, autoclaved aerated concrete block walls and high-performance glass, thereby achieving 34% energy savings, 26% water savings and 25% less embodied carbon in materials. An operational carbon dioxide savings of 372.8 tCO<sub>2</sub>/year is also expected, corroborating the building's resource efficiency and environment-friendliness. A pioneering feat, this achievement underscores KIIFB's commitment to developing a green building stock in the state, aligns with the global movement towards sustainability, and demonstrates its dedication to achieving the UN Sustainable Development Goals (SDGs) and Net Zero targets.



*Cochin Cancer Research Centre, Super Speciality Block*



# Building a Legacy of Excellence: A Comprehensive Look at Total Quality Management in Construction

Jothish Ben, Senior Technical Advisor

The construction industry stands as a cornerstone of societal progress, shaping our infrastructure, homes, and workplaces. Yet, the inherent complexities of construction projects – involving diverse teams, intricate designs, and dynamic environments – often present significant challenges in maintaining consistent quality. This is where the principles of Total Quality Management (TQM) offer a robust framework for achieving and sustaining excellence across all facets of our work.

Moving beyond mere compliance with specifications, TQM in construction embodies a holistic and proactive approach to quality. It's a management philosophy that empowers every individual within an organization to contribute to continuous improvement, ultimately leading to superior project outcomes, enhanced stakeholder satisfaction, and a stronger, more resilient business.

## The Imperative of Quality in Construction:





The consequences of compromised quality in construction can be severe, ranging from costly re-work and project delays to safety hazards and reputational damage. In an industry where precision and durability are paramount, a commitment to quality is not just desirable – it's essential for:

- **Ensuring Structural Integrity and Safety:** Quality materials and workmanship are fundamental to the safety and longevity of buildings and infrastructure. TQM helps to embed processes that minimize risks and ensure adherence to stringent safety standards.
- **Meeting and Exceeding Client Expectations:** In today's competitive market, clients demand not just functional structures but also projects that are delivered on time, within budget, and to the highest quality standards. TQM provides the tools and methodologies to consistently meet and even exceed these expectations.
- **Optimizing Resource Utilization:** Defects and errors lead to wasted materials, time, and labour. By focusing on quality from the outset, TQM helps to streamline processes, minimize waste, and optimize the use of resources, leading to significant cost efficiencies.
- **Enhancing Reputation and Building Trust:** A track record of delivering high-quality projects is crucial for building a strong reputation and fostering trust with clients, partners, and the wider community. TQM provides a systematic approach to achieving this consistent level of excellence.
- **Driving Innovation and Continuous Improvement:** The principles of TQM encourage a culture of learning and adaptation. By continuously monitoring processes, analysing data, and seeking feedback, construction companies can

identify areas for improvement and drive innovation in their practices.

### The Pillars of TQM in Construction:

Implementing TQM effectively requires a deep understanding and application of its core principles:

1. **Customer-Centricity:** The ultimate goal of any construction project is to satisfy the needs and expectations of the client. TQM places the customer at the forefront, emphasizing the importance of understanding their requirements, actively seeking their feedback, and striving to exceed their expectations throughout the project lifecycle.
2. **Leadership Commitment:** Effective TQM requires strong leadership at all levels of the organization. Leaders must champion the quality philosophy, provide the necessary resources and training, and actively participate in quality improvement initiatives. Their commitment sets the tone and inspires a culture of quality throughout the company.
3. **Engagement of People:** TQM recognizes that quality is the responsibility of everyone within the organization. Empowering employees at all levels to identify and address quality issues, providing them with the necessary skills and authority, and fostering a culture of teamwork and collaboration are crucial for success.
4. **Process-Oriented Approach:** Construction projects are complex undertakings involving numerous interconnected processes. TQM emphasizes the importance of understanding, managing, and optimizing these processes to ensure consistent quality and efficiency. This involves clearly defining process steps, identifying potential points of failure, and implementing controls to prevent defects.



5. **Continuous Improvement:** TQM is not a static set of rules but an ongoing journey of learning and refinement. It involves establishing mechanisms for monitoring and measuring quality, analysing data to identify areas for improvement, and implementing corrective and preventive actions to drive continuous enhancement of processes and outcomes. Tools like Lean and Six Sigma are often integrated within a TQM framework to facilitate this continuous improvement cycle.
6. **Evidence-Based Decision Making:** Decisions related to quality improvement should be based on data and analysis rather than assumptions. Collecting and analysing relevant data on project performance, customer feedback, and process effectiveness provides valuable insights for identifying trends, root causes of problems, and the impact of improvement initiatives.
7. **Relationship Management:** Construction projects involve a multitude of stakeholders, including clients, architects, engineers, subcontractors, and suppliers. Building strong, collaborative relationships based on trust and open communication is essential for ensuring quality throughout the supply chain and project execution. TQM extends the principles of quality to these external partnerships.
2. **Developing a Quality Management System (QMS):** A robust QMS, often aligned with standards like ISO 9001, provides a framework of documented procedures, processes, and responsibilities for ensuring quality.
3. **Providing Training and Awareness:** Educating all employees about the principles of TQM, their roles in maintaining quality, and the specific procedures within the QMS is crucial for fostering a quality-conscious culture.
4. **Implementing Quality Control and Assurance Measures:** This involves establishing processes for monitoring and verifying the quality of materials, workmanship, and project deliverables at various stages of construction. Quality control focuses on identifying defects, while quality assurance aims to prevent them from occurring in the first place.
5. **Utilizing Quality Tools and Techniques:** Tools such as checklists, inspections, statistical process control, root cause analysis, and failure mode and effects analysis (FMEA) can be valuable in identifying, analysing, and addressing quality issues.
6. **Conducting Regular Audits:** Internal and external audits help to assess the effectiveness of the QMS and identify areas for improvement.
7. **Measuring and Analysing Performance:** Tracking key quality metrics, such as defect rates, rework costs, and customer satisfaction, provides valuable data for monitoring progress and identifying trends.
8. **Recognizing and Rewarding Quality Achievements:** Acknowledging and celebrating individual and team contributions to quality reinforces the importance of TQM and motivates continued commitment.

### Implementing TQM in Construction: A Practical Approach:

The implementation of TQM in a construction company is a multifaceted process that requires a strategic and phased approach:

1. **Establishing a Quality Policy and Objectives:** Clearly defining the organization's commitment to quality and setting measurable quality objectives provides a roadmap for TQM implementation.



## Overcoming Challenges in TQM Implementation:

While the benefits of TQM are clear, its implementation in the construction industry can present certain challenges:

- **Resistance to Change:** Introducing a new management philosophy can be met with resistance from individuals who are comfortable with existing practices. Effective communication and demonstrating the benefits of TQM are crucial for overcoming this resistance.
- **Fragmented Project Teams:** The temporary and often dispersed nature of construction project teams can make it challenging to foster a consistent quality culture across all stakeholders.
- **Short-Term Focus:** The pressure to meet tight deadlines and budget constraints can sometimes lead to a focus on immediate results at the expense of long-term quality initiatives.
- **Lack of Standardized Processes:** The unique nature of each construction project can make it difficult to implement standardized processes across the entire organization. However, identifying core processes that can be standardized is still beneficial.
- **Data Collection and Analysis:** Effectively collecting and analysing quality-related data can be challenging in a dynamic construction environment. Investing in appropriate tools and training can help overcome this hurdle.

## The Long-Term Rewards of a Quality-Centric Approach:

Despite these challenges, the long-term rewards of embracing TQM in construction are substantial. Organizations that successfully embed a culture of quality can expect to see:

- **Sustainable Competitive Advantage:** A reputation for consistently delivering high-quality projects sets a company apart from its competitors and attracts discerning clients.
- **Increased Profitability:** Reduced rework, improved efficiency, and enhanced client satisfaction contribute directly to improved financial performance.
- **Enhanced Stakeholder Value:** Delivering high-quality, safe, and sustainable projects benefits all stakeholders, including clients, employees, investors, and the community.
- **A Culture of Excellence and Innovation:** A commitment to continuous improvement fosters a culture where innovation is encouraged and excellence becomes the norm.
- **Greater Resilience and Adaptability:** Organizations with robust quality management systems are better equipped to adapt to changing market demands and overcome challenges.

In conclusion, Total Quality Management is not just a set of tools or techniques; it's a fundamental shift in mindset that can transform the construction industry. By embracing its principles and diligently implementing its practices, construction companies can build not just structures, but a lasting legacy of excellence, safety, and client satisfaction. Let us all commit to making quality the cornerstone of every project we undertake, building a better future, one high-quality structure at a time.



# Economy & Market Watch

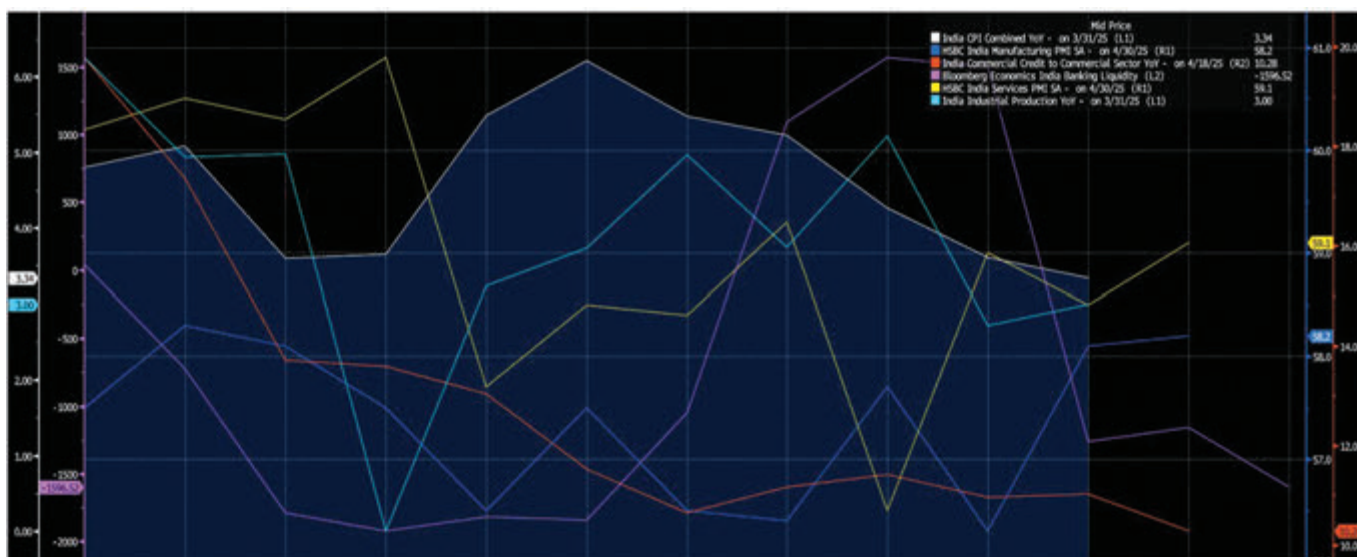
Ajosh Krishnakumar,

General Manager, Finance & Administration

In this edition of economy & market watch, we look at a few high frequency indicators of real economic activity in the country to analyse how the Indian economy has fared during past 12 months.

The following chart shows how the India Ser-

vices & Manufacturing Purchasing Managers Index (PMI), growth in credit to commercial sector, growth in Index of Industrial Production and retail inflation (Combined CPI YoY) fared during the past 12 months.



The HSBC India Manufacturing Purchasing Managers' Index (PMI), Seasonally Adjusted (SA), came in at 58.2 in April 2025 compared to 58.1 in March 2025 and 56.3 (lowest during the period of study) in February 2025. During the period of study, the index recorded a high of 58.3 in June 2024. Moreover, Manufacturing PMI has been above 50 for all months during the period of study, indicating growth/ expansion. Additionally, it is worthwhile to note that

Manufacturing PMI has consistently been above 50 for 46 consecutive months in total.

The HSBC India Services PMI (SA) improved to 59.1 in April 2025 compared to 58.5 in March 2025 and 59.0 in February 2025. During the period of study, Services PMI hit a high of 60.9 in August 2024 and a low of 56.5 in January 2025. It may be noted that Services PMI has also been consistently above 50 for the last 45 months, indicating growth/ expansion.



Bank commercial sector credit growth on a year-on-year basis came in at 10.28% (lowest during the period of study) in April 2025. The commercial sector credit growth (YoY) was below 12 % since October 2024. During the period of study, the commercial credit growth on a YoY basis hit a high of 19.78% in May 2024.

India's Industrial Production measured on a YoY basis, recorded a growth of 3.0% in March 2025 basis provisional estimates of IIP for March 2025, as against 2.9% YoY in February 2025. The YoY growth in IIP for March 2025 is primarily attributable to the growth in Manufacturing sector (3.0% YoY), and Electricity sector (6.3% YoY) and Mining sec-

tor (0.4% YoY). During the period of study, while growth in IIP on a YoY basis hit a high of 6.25% in May 2024, IIP on a YoY basis had contracted in the month of August 2024.

India's headline inflation rate based on the Consumer Price Index (CPI) YoY came in at 3.34% (lowest during the period of study) in March 2025 compared to 3.61% in February 2025 and 4.31% in January 2025. In the past 12 months, Consumer price index (CPI) inflation has been within the Monetary Policy Committee's target of **4 per cent within a band of +/- 2 per cent for all months except October 2024, during which Consumer price index (CPI) inflation hit a high of 6.21%.**



Perumbalam bridge



## KIIFB's Presence in ENTE KERALAM 2025

As part of the Kerala Government's Fourth Anniversary celebrations, the 'Ente Keralam' exhibition and trade fair is being conducted across all districts of Kerala, serving as a vibrant showcase of the state's growth and progress. The exhibition features a diverse range of activities, with government departments highlighting their key themes, services, and initiatives. Evening events celebrate the rich cultural heritage of Kerala, adding a dynamic cultural layer to the fair. This year's event began on April 21st and is already attracting huge crowds.

KIIFB is also playing an integral role in the 'Ente Keralam' events. The KIIFB team is engaging directly with the public to discuss the various projects it has undertaken and to provide updates on ongoing and completed initiatives across districts. The status of KIIFB-funded projects is being displayed on LED walls, offering clear, accessible insights into the projects that are transforming communities. The KIIFB stall mainly consists of a Virtual Reality (VR) corner, allowing visitors to independently explore the interiors of KIIFB projects—offering a uniquely immersive experience for the public.

The state-of-the-art infrastructure is also provided by Media Cell of KIIFB with the support from other Units of KIIFB for the Ente Keralam event.

The airconditioned stalls in German tents are providing comforts and viewing experience to the visitors. The exhibition stalls are filled with modern digital as well as display systems which transform the viewers experience to higher levels. The ingenuity of the participating departments, institutions and organisations in displaying their services and products is really attracting many thousands in each District.

The event also boasts a robust participation from a wide range of government departments, PSUs, and other entities, alongside private firms that are reaping rewards from their contributions. KIIFB has played a key role in creating the infrastructure for the event across all districts, with all wings of KIIFB—Technical Inspection Wing, Project Appraisal Division, Finance and Administration, Technical Resource Centre, and Administrative Inspection Wing—actively contributing to its success.

In addition to celebrating the government's achievements across multiple sectors, the event offers a range of public services and sales stalls, with people flocking to explore the diverse activities in the departmental pavilions. This interaction fosters a deeper connection between the government and the people it serves.





## Tender Update - April 2025

| Sl. No. | SPV    | Sector | Work Description  | Tender Value     |
|---------|--------|--------|---|------------------|
| 1       | IMPACT | LSGD   | Beautification of Bilathikulam Pond and its Surroundings  | NA               |
| 2       | KILA   | GED    | KIIFB Construction of New building for GGHSS Kayamkulam Construction of New Building for GGHSS Kayamkulam Composite Work  | ₹ 1,02,37,106.00 |
| 3       | KILA   | GED    | KIIFB KILA 1 cr projects Govt.H.S.S Elamkunnappuzha ( School code 26025)Vypeen LAC Construction of school building Composite Work   | ₹ 1,09,77,204.00 |
| 4       | KILA   | GED    | KIIFB KILA 1cr GUPS Chavara South(School code 41339)Chavara LAC Auditorium block Composite Work   | ₹ 55,35,009.00   |
| 5       | KILA   | GED    | KIIFB KILA 1cr Project GHSS Keezharoor(School code 44063) Parasala LAC Balance works Composite Work   | ₹ 66,05,885.00   |
| 6       | KILA   | GED    | KIIFB KILA SNDP UPS Pattathanam(Code 41451) Eravipuram LAC Vertical extension works Composite Work  | ₹ 32,66,544.00   |
| 7       | KILA   | GED    | KIIFB KILA 1cr projects GHSS Vayala ( School code 40041 ) Chadamangalam LAC Construction of school building Composite Work  | ₹ 1,06,19,887.00 |
| 8       | KILA   | GED    | KIIFB KILA Construction of New building at GLPS Nedyavila(School code 39518)Kunnathur LAC Construction of new building Composite Work                                       | ₹ 1,10,07,634.00 |
| 9       | KILA   | GED    | KIIFB KILA 1Cr Project Pallimon Govt.HSS (School Code 41052) Construction of School Building to Pallimon GHSS in NEDUMPANA GP under KUNDARA LAC in KOLLAM Dt Composite Work | ₹ 1,18,59,626.00 |



|    |      |     |  |                  |
|----|------|-----|--|------------------|
| 10 | KILA | GED | KIIFB KILA 3cr Project Construction of building at Gov t .VHSS Kot-tamkulangara(School code 41084) Chavara LAC Construction of new building Composite Work             | ₹ 3,29,63,347.00 |
| 11 | KILA | GED | KIIFB KILA 1Cr Project Govt High School Jawahar Colony (School code 42086) Vamanapuram LAC Vertical Extension of existing building Composite Work                      | ₹ 1,09,67,327.00 |
| 12 | KILA | GED | KIIFB KILA Construction of new building at TKDM GHSS Uliyak-ovil( School code 41063) Kollam LAC Construction of new building Composite Work                            | ₹ 1,09,18,067.00 |
| 13 | KILA | GED | KIIFB KILA 1 cr works GLPS Kanichanalloor( School code 35430) Harippad LAC construction of new block Composite Work  | ₹ 1,07,20,718.00 |
| 14 | KILA | GED | KIIFB KILA-1cr projects Govt Mohamadens Boys HSS ( School code 35007),Ambalappuzha LAC Construction of school building Composite Work                                  | ₹ 1,09,52,019.00 |
| 15 | KILA | GED | KIIFB KILLA 3 cr project GHSS Naranganam (school code 38090), Aranmula LAC Construction of new building Composite Work   | ₹ 2,84,90,646.00 |
| 16 | KILA | GED | KIIFB KILLA 3 cr project SDVGUPS Neerkkunnam ( School code 35338 ), Ambalappuzha LAC Construction of new building Composite Work                                       | ₹ 3,22,68,458.00 |
| 17 | KILA | GED | KIIFB KILA 3cr Projects Govt Girls HSS Thazhava (School Code 41036) Karunagappaly LAC Construction of new building Composite Work                                      | ₹ 3,16,36,360.00 |
| 18 | KILA | GED | KIIFB KILA 3cr projects Govt.Model Boys HSS Kollam (School code 41056)construction of building Composite Work  | ₹ 3,17,83,982.00 |
| 19 | KILA | GED | KIIFB-KILA 1Cr Project-GUPS Thrikkuttissery-Improvement of Infrastructure Facilities to GUPS Thrikkuttissery in Kottur GP under Balussery LAC in Kozhikode District    | ₹ 1,10,16,566.00 |
| 20 | KILA | GED | KIIFB-KILA 1CR PROJECTGLPS SKoodalilImprovement of Infrastructure Facilities to GLPS Koodalil inKavilampara GP under Nadapuram LAC inKozhikode District-Composite Work | ₹ 1,08,34,279.00 |



|    |       |     |   |                   |
|----|-------|-----|---|-------------------|
| 21 | KRFB  | PWD | KIIFB-Ezhuthumpara Bridge-Construction of Ezhuthumpara Bridge across Churiyode River in Kongad LAC in Palakkad District   | ₹ 8,61,71,503.00  |
| 22 | KRFB  | PWD | KIIFB-Hill Highway- Reconstruction of Kallikkadu Bridge across NIP Canal and Construction of Kallikkadu Mukundara Bridge across Neyyar River- General Civil Work                                | ₹ 5,09,35,167.00  |
| 23 | KWA   | WRD | KIIFB Project TRAN 10 WRD025_06 WSS to Ayyappancovil Panchayat Phase II Augmentation of WSS to Kattappana Municipality in Idukki district Pipeline Work   | ₹ 30,41,71,064.00 |
| 24 | KITCO | HED | Balance work of Augmentation of Infrastructure Facilities at Govt Polytechnic College Adoor Pathanamthitta Risk and Cost tender   | ₹ 2,62,00,000.00  |
| 25 | KITCO | HED | Balance work for the Construction of Infrastructure Facilities for SAR-BTM Government College Koyilandi Risk and Cost   | ₹ 3,41,00,000.00  |
| 26 | HITES | HFV | Supply and installation of loose furniture at Surgical Block, GMC,Kottayam  | ₹ 2,61,10,169.00  |
| 27 | KILA  | GED | KIIFB-KILA-3 Crore Project Infrastructure Development At GHSS Kuttippuram In Kuttippuram Panchayath In Malappuram District-Construction Of New Building -Composite work Re-Tender               | ₹ 2,92,90,896.00  |
| 28 | KILA  | GED | KIIFB-KILA-1 Crore Project Infrastructure Development At GVHSS Irinjalakuda Thrissur-Vertical Expansion Of Existing Building - Composite work Re-Tender   | ₹ 1,09,54,999.00  |
| 29 | KILA  | GED | KIIFB-KILA-1 Crore Project Infrastructure Development ATP-JMSGHSS Kandassankadavu In Manalur Panchayath In Thrissur District -Vertical Expansion of Existing Building-Composite Work -Re-Tender | ₹ 1,10,16,820.00  |
| 30 | KILA  | GED | KIIFB-KILA-3 Crore Project Infrastructure Development At GTHSS Poomala In Velliayamattom Panchayath Idukki Construction Of Auditorium Building- Primary Block - Composite Work -Re-Tender       | ₹ 3,30,49,518.00  |
| 31 | KRFB  | PWD | KIIFB-Construction of Chavaramuzhi bridge Across Kuttyadi river connecting Maruthomkara panchayath and Chakkittapara panchayath.  | ₹ 7,78,72,374.00  |



|    |        |     |   |                   |
|----|--------|-----|---|-------------------|
| 32 | KRFB   | PWD | KIIFB-Improvements of Muthuvila-Chellanchi- Kudavanad- Nanniyod road - from Ch 0/000 to 13/500-Improvements of Muthuvila- Chellanchi- Kudavanad- Nanniyod road.   | ₹ 11,39,82,439.00 |
| 33 | KRFB   | PWD | KIIFB Project - Construction of Kayikkara bridge (in Anchuthengu) connecting Kayikkara and Vakkom in Thiruvananthapuram district  | ₹ 21,21,32,435.00 |
| 34 | KSITIL | HED | Augmentation of infrastructure facilities at Government Engineering College, Palakkad   | ₹ 15,15,86,065.00 |
| 35 | KTDC   | TSM | Setting up of Three Star Beach Resort at Muzhuppilangad, Kannur Civil and Electrical Works (Furniture, Landscape, Kitchen Equipments, VCB and Television)   | NA                |
| 36 | HITES  | HFW | Strengthening of IP Block at THQH Vythiri, Wayanad District, Kerala   | ₹ 1,19,60,730.00  |
| 37 | HITES  | HED | Construction Of Domestic And International Hostels In Mahatma Gandhi University   | ₹ 29,47,74,122.00 |
| 38 | KRFB   | PWD | KIIFB-PWD 013-34 Hill Highway Improvements to Thottilpalam Thalayad Road-Peruvanamuzhi to 28th mile Junction (Ch 41/500 to 57/150) Phase II in Kozhikode District -Part TS-2 (Ch 47/000 to 50/900, 51/600 to 57/150)-General Civil Work | ₹ 42,80,37,539.00 |
| 39 | KRFB   | PWD | KIIFB-Improvements To Vamanapuram Chittar Road From Km 0/000 To 7/000 And 12/500 To 21/050- Revised Balance estimate.   | ₹ 12,54,06,262.00 |
| 40 | KRFB   | PWD | KIIFB-Chalakkudy Anamala road-Construction of retaining wall at land slide locations and re construction of an existing culvert at Pathadippalam in Chalakkudy Anamala Road   | ₹ 2,20,43,356.00  |
| 41 | KRFB   | PWD | KIIFB-2016-2017-Improvement works to Mannarkkad Chinnathadakam Road Phase III(Ch 19/000 to 52/362-General Civil Work  | ₹ 71,42,10,438.00 |
| 42 | KRFB   | PWD | KIIFB-Hill Highway- Niravilpuzha Thottilpalam (Stretch 1) Chunkakutty to Poothampara Bridge Ch 8/520 Ch 13/986 (5.446 km) in Kozhikode District   | ₹ 31,67,83,529.00 |



|    |        |     |   |                   |
|----|--------|-----|---|-------------------|
| 43 | KRFB   | PWD | KIIFB-2016-17 - Construction of Thriprayar Bridge across Canoli canal in Cherpu - Thriprayar road, Nattika LAC in Thrissur District.  | ₹ 21,94,00,804.00 |
| 44 | KRFB   | PWD | KIIFB-Construction of Muvattupuzha Murikkallu Bypass-(Town Bypass Road) -from 130 Junction in MC Road to Kadathy in NH 85 0/000 TO 2/240-General Civil Work                                     | ₹ 50,39,84,464.00 |
| 45 | KRFB   | PWD | KIIFB-Kallamoola And Chengode Bridge-Pwd013-51 - Hill Highway - Construction of Bridges (Chengode Bridge and Kallamoola Bridge in Wandoor LAC) coming under Hill Highway in Malappuram District | ₹ 6,53,52,326.00  |
| 46 | KRFB   | PWD | KIIFB-Ezhuthumpara Bridge-Construction of Ezhuthumpara Bridge across Churiyode River in Kongad LAC in Palakkad District   | ₹ 8,61,71,503.00  |
| 47 | KSITIL | HED | Augmentation of infrastructure facilities at Government College, Chittur, Palakkad  | ₹ 8,73,05,050.00  |
| 48 | KSITIL | HED | Augmentation of infrastructure facilities at Government Engineering College, Painav, Idukki   | ₹ 20,85,40,920.00 |
| 49 | KSITIL | HED | Augmentation of infrastructure facilities at College of Engineering, Trivandrum   | ₹ 16,95,34,374.00 |
| 50 | KITCO  | GED | Creating Centre of Excellence at Government HSS Manathala   | ₹ 3,71,00,000.00  |
| 51 | KITCO  | GED | Creating Centre of Excellence at Government Boys HSS Wadakkanchery  | ₹ 3,88,00,000.00  |
| 52 | WAPCOS | HFV | Supply, Installation, Testing And Commissioning of Centralised Medical Gas Pipeline System at District Hospital Chengannur  | ₹ 2,23,60,904.00  |
| 53 | KILA   | GED | KIIFB-KILA-3 Crore Project- Infrastructure Development At GHSS-Mankada In Mankada Panchayath Malappuram District-Construction Of New Building-Composite Work                                    | ₹ 3,02,02,581.00  |



|    |         |      |  |                   |
|----|---------|------|--|-------------------|
| 54 | IMPACT  | LSGD | Modern Gas Cremetorium in Vallathol Nagar GP   | NA                |
| 55 | IMPACT  | LSGD | Modern Gas Cremetorium in Panangad GP  | NA                |
| 56 | IMPACT  | LSGD | Modern Gas Cremetorium in Thuvvur GP   | NA                |
| 57 | IMPACT  | LSGD | Modern Gas Cremetorium in Moothedam GP   | NA                |
| 58 | IIITM-K | ITD  | Construction of Executive International Hostel Block for Kerala University of Digital Sciences, Innovation and Technology (DUK) at Technocity, Thiruvananthapuram, Kerala                                  | NA                |
| 59 | KRFB    | PWD  | KIIFB-2016-17-Construction of New Ranni Valiya Bridge across Pam-ba River in Pathanamthitta District (Balance Work)  | ₹ 22,06,14,966.00 |
| 60 | KRFB    | PWD  | KIIFB-Construction of a Bridge at Kannippuram in Neyyattinkara Town<br>Construction of a Bridge at Kannippuram in Neyyattinkara Town-General Civil Work  | ₹ 8,19,23,255.00  |
| 61 | KSCADC  | FSH  | KIIFB-FSH003-06 -Strengthening of Fish marketing Infrastructure in Trivandrum, Kollam, and Alappuzha districts Phase-2- Thamarakulam Fish Market, Alappuzha District Civil and Electrical works(Re-Tender) | ₹ 1,49,40,140.00  |
| 62 | KSCC    | RGD  | KIIFB Registration Department Construction of Sub Registrar Office at Parappanangadi in Malappuram District  | ₹ 2,16,70,179.00  |
| 63 | KITCO   | HED  | Balance work for the Construction of Infrastructure Facilities for SAR-BTM College Koyilandi   | ₹ 3,41,00,000.00  |
| 64 | KSITIL  | HED  | Augmentation of Infrastructural facilities at Government Engineering College, Kannur   | ₹ 14,31,04,055.00 |



|    |      |     |   |                   |
|----|------|-----|---|-------------------|
| 65 | KRFB | PWD | KIIFB-Improvements to SasthamkottaKottarakkara- Neeleswaram-Court complex road in Kollam District-Balance work-General Civil Work                               | ₹ 12,08,45,939.00 |
| 66 | KRFB | PWD | KIIFB-2024-25 Aluva Munnar Road-DBM Patch and BC Overlay From Ch.7/600 to Ch.11/995-General Civil Work.   | ₹ 3,21,22,717.00  |
| 67 | KRFB | PWD | KIIFB Project - Construction of Kayikkara bridge (in Anchuthengu) connecting Kayikkara and Vakkom in Thiruvananthapuram district                                | ₹ 21,21,32,435.00 |
| 68 | KRFB | PWD | KIIFB-Improvements of Muthuvila-Chellanchi- Kudavanad- Nanniyod road - from Ch 0/000 to 13/500-Improvements of Muthuvila- Chellanchi- Kudavanad- Nanniyod road. | ₹ 11,39,82,439.00 |
| 69 | KRFB | PWD | KIIFB-Construction of Chavaramuzhi bridge Across Kuttyadi river connecting Maruthomkara panchayath and Chakkittapara panchayath.                                | ₹ 7,78,72,374.00  |





Coastal Highway

### Fund Mobilization Status

| Particulars                            | Amount (₹ Cr.) |
|--|----------------|
| Contribution from Government of Kerala | 22,113         |
| Fund mobilized from financial market   | 32,472         |
| <b>Total</b>                           | <b>54,585</b>  |

\* Provisional figure as on 31-03-2025



### PRAVASI Chitty Statistics as of 30<sup>TH</sup> APRIL 2025

|                                |                |
|--------------------------------|----------------|
| Total number of customers      | 219229         |
| Total number of subscribers    | 63200          |
| Total amount collected         | INR 5193.94 Cr |
| KIIFB Deposit bond subscribed  | INR 965.00 Cr  |
| KIIFB Security bond subscribed | INR 239.052 Cr |



### PRAVASI Dividend Scheme

|                               |               |
|-------------------------------|---------------|
| Total number of registrations | 52472         |
| Total no. of depositors       | 4233          |
| Total amount deposited        | INR 331.05 Cr |



### Our Key Service Areas

1. Consulting & Advisory Services
2. Environment Services
3. Design & Engineering
4. Project & Contract Management
5. Geographic Information System
6. Quality Management



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