

KASE CHRONICLE

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INDIA'S MARITIME FUTURE SETS SAIL FROM KERALA!



A vision realized!

May 2, 2025, marks a historic milestone as Hon'ble Prime Minister of India, Shri. Narendra Modi, in the presence of Hon'ble Chief Minister of the State Shri. Pinarayi Vijayan, dedicated to the nation, India's first deep water transshipment port—the Vizhinjam International Seaport in Kerala.

The Vizhinjam International Seaport, a testament to strategic infrastructure, world-class technology, and public-private partnership (PPP) with Adani Group, is set to redefine India's global shipping capabilities.

Vizhinjam: A Game Changer

- Strategically located just 10 nautical miles from major international shipping routes
- Natural depth of 18–20 metres—eliminates the need for costly dredging
- Designed for the world's largest "mother vessels" (up to 20,000 TEUs)
- Equipped with AI-powered Vessel Traffic Management System
- Seamless road, rail, and air connectivity with Trivandrum

Until now, nearly 75% of India's transshipment cargo was routed through foreign ports. With Vizhinjam, India takes charge of its own cargo, saving millions of dollars in logistics costs and reducing transit delays.



Hon'ble Prime Minister Shri. Narendra Modi, Hon'ble Chief Minister of Kerala Shri. Pinarayi Vijayan, Hon'ble MP Shri. Shashi Tharoor and others during the inauguration of the Vizhinjam International Seaport

For Kerala, the Vizhinjam Seaport is about employment, skill development, and becoming a gateway to global trade. As the State Skill Development Mission of Kerala, Kerala Academy for Skills Excellence sees this as a powerful opportunity to shape a future-ready maritime workforce.

Let this be a model for visionary infrastructure and skill-led development. A shining example of how strategic investment, technological innovation, and local participation can put India on the global map.

The future of global trade flows through Kerala and the future is now.





കർണാടക നൈപുണ്യ വികസന കോർപ്പറേഷൻ പ്രതിനിധി സംഘം കേരള അക്കാദമി ഫോർ സ്കിൽസ് എക്സലൻസ് സന്ദർശിച്ചു

2025 മെയ് 14-ന് കർണാടക നൈപുണ്യ വികസന കോർപ്പറേഷൻ (KSDC) ചെയർമാൻ ഡോ. ഇ.വി.രമണ റെഡ്ഡി ഐ.എ.എസ് (റിട്ട.)-ന്റെ നേതൃത്വത്തിലുള്ള ഔദ്യോഗിക പ്രതിനിധി സംഘം തിരുവനന്തപുരത്തെ കേരള അക്കാദമി ഫോർ സ്കിൽസ് എക്സലൻസിന്റെ (KASE) ആസ്ഥാനം സന്ദർശിച്ചു. പ്രതിനിധി സംഘത്തിൽ KSDC-യിലെ ടെക്നിക്കൽ അഡ്വൈസർ-I ശ്രീ. എൻ.എൻ. റാവു, ടെക്നിക്കൽ അഡ്വൈസർ-II ശ്രീ. വി.ഡി. നിശ്ചിത്, റിസർച്ച് അസോസിയേറ്റ് ശ്രീ. റുബാനവാസ്, ഇന്റർനാഷണൽ മൈഗ്രേഷൻ സെന്റർ - കർണാടകയുടെ ജനറൽ മാനേജർ ശ്രീ. കെ.എസ്. അവിനാഷ് എന്നിവർ ഉണ്ടായിരുന്നു. കെയ്സ് മാനേജിംഗ് ഡയറക്ടർ ശ്രീ. സുഫിയാൻ അഹമ്മദ് ഐ.എ.എസ്, ചീഫ് ഓപ്പറേറ്റിംഗ് ഓഫീസർ ശ്രീ. വിനോദ് ടി.വി. എന്നിവരുടെ സാന്നിധ്യത്തിൽ കെയ്സ് ടീം അംഗങ്ങളും

യോഗത്തിൽ പങ്കെടുത്തു. കെയ്സിന്റെ പ്രധാന ഇടപെടലുകൾ, തന്ത്രപരമായ പരിപാടികൾ, നൈപുണ്യ വികസന ആവാസവ്യവസ്ഥ നേരിടുന്ന വെല്ലുവിളികൾ, നൂതനമായ സമീപനങ്ങൾ, വികേന്ദ്രീകൃതവും സമഗ്രവുമായ നൈപുണ്യ വികസനത്തിനായുള്ള "കേരള മോഡൽ" എന്നിവയെക്കുറിച്ച് പ്രതിനിധി സംഘം വിശദമായ ചർച്ച നടത്തി. ഈ കൂടിക്കാഴ്ച ആശയങ്ങളും മികച്ച പ്രവർത്തനരീതികളും കൈമാറുന്നതിന് വഴിയൊരുക്കി. ഇത് ഇരു സംസ്ഥാനങ്ങളിലെയും നൈപുണ്യ വികസന ആവാസവ്യവസ്ഥയെ ശക്തിപ്പെടുത്തുന്നതിനും, ഇന്ത്യയിലുടനീളം കൂടുതൽ ശാക്തീകരിക്കപ്പെട്ട ഒരു തൊഴിൽ ശക്തിക്ക് വഴിയൊരുക്കുന്നതിനും സഹായകമാകുമെന്ന് പ്രതീക്ഷിക്കുന്നു.

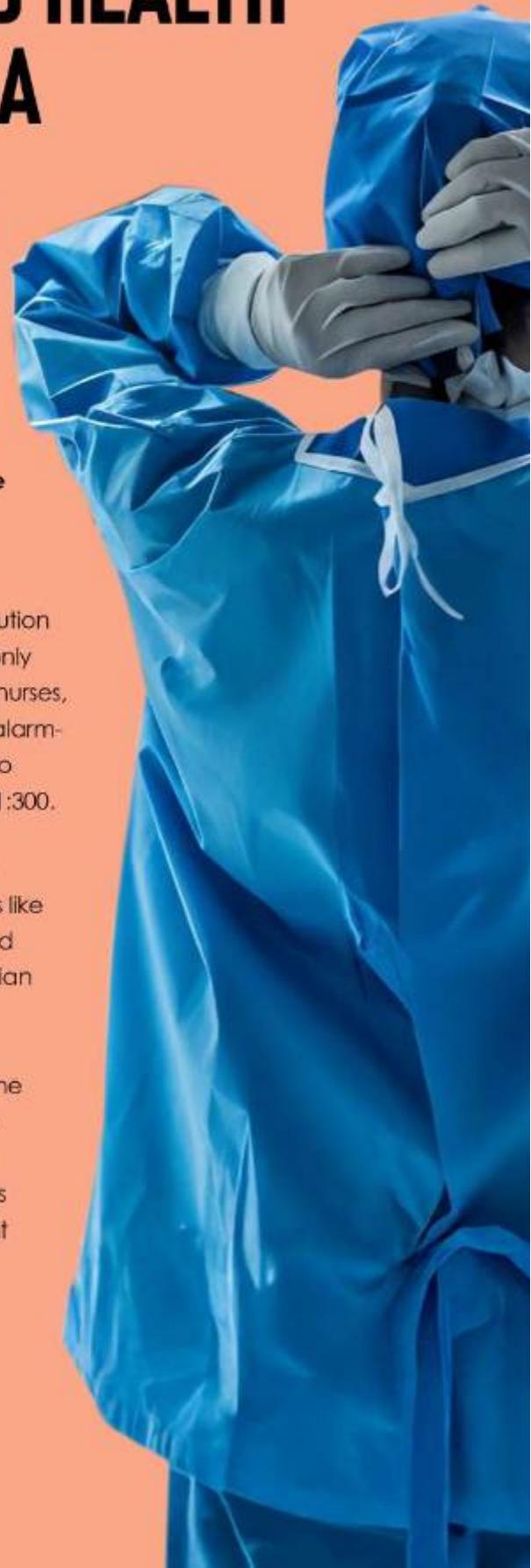
BRIDGING THE NURSING GAP: A CALL FOR SKILLED HEALTH WORKFORCE IN INDIA

A critical shortage of nurses is emerging as one of the most pressing global health challenges. According to a recent World Health Organisation (WHO) report, the world is heading towards a deficit of 11 million health workers by 2030, with nurses forming a large part of this gap. While Africa and the Eastern Mediterranean may bear the brunt, India too is grappling with a significant deficit in the nursing workforce.

Despite having 29.8 million nurses globally, their distribution remains deeply unequal. Developed countries, with only 17% of the global population, employ nearly half the nurses, while low and middle-income nations like India face alarmingly low nurse-to-population ratios. India's current ratio stands at 1:670, far below the WHO's recommended 1:300.

While 80% of nurses worldwide are now professionally trained, India continues to lag in critical care domains like dementia support, chronic disease management, and palliative care. At the same time, the migration of Indian nurses further compounds domestic shortages.

This gap presents a massive scope for strengthening the skilling opportunities in India. As our healthcare needs expand, particularly in geriatric and chronic care, so does the scope for trained nursing professionals across the country and globally. Alongside, there is an urgent need to strengthen domestic training ecosystems, design retention strategies and career pathways that empower nurses for the Indian healthcare system.



Career pathways in the nursing sector in India offer a diverse range of opportunities, from entry-level roles like Registered Nurse and Staff Nurse to specialized positions such as ICU Nurse, Critical Care Nurse, and Nurse Practitioner, and further to academic, administrative, and leadership roles like Nurse Educator, Nursing Superintendent, and Director of Nursing. Nurses can work across government hospitals, private institutions, community health programs, corporate healthcare, and research and education sectors. With growing demand in areas like geriatric care, chronic disease management, and palliative care, these pathways enable nurses to advance their skills, contribute meaningfully to healthcare delivery, and address India's critical nursing workforce gap.

Nursing must be placed at the centre of our healthcare skill development strategy. Nurses are the backbone of the healthcare system. From diagnosis to recovery, their role is indispensable. As we confront both domestic and global shortages, India has a unique opportunity to turn this challenge into a transformative force by investing in skill training, strengthening career pathways, and empowering a skilled workforce ready to meet the demands of the future.

SKILL TERM

Preceptor: An experienced, licensed nurse who supervises nursing students during clinical rotations or new graduates during their first job

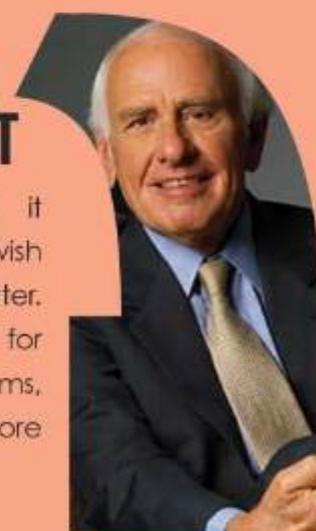


Sector: Healthcare

SKILL THOUGHT

"Don't wish it were easier, wish you were better. Don't wish for fewer problems, wish for more skills."

Jim Rohn



STRENGTHENING INDO-GERMAN SKILLING TIES: BUG VERKEHRSBAU SE VISITS KASE

From May 3 to 9, 2025, Kerala Academy for Skills Excellence welcomed key representatives from BUG Verkehrsbau SE, Berlin, Germany, to explore collaborative opportunities in recruitment, training, and migration for skilled professionals in Germany's railway infrastructure sector.

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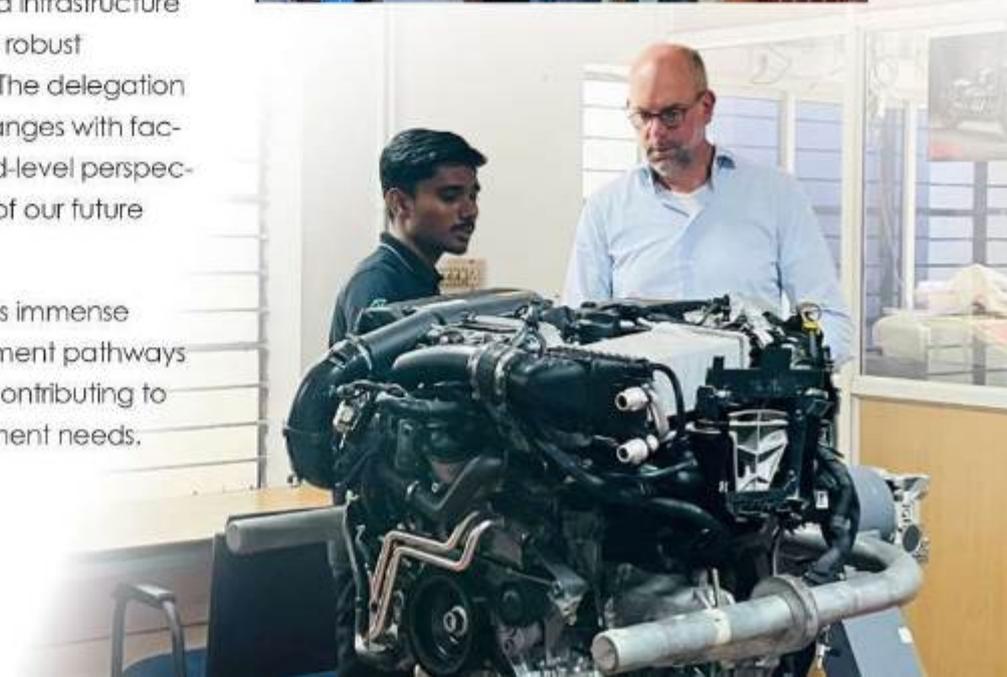


The delegation, comprising Mr. Marian Thomas, Mr. Martin Thomas, and Mr. Roland Mueller, engaged in discussions with the KASE team regarding the proposed collaboration with Deutsche Bahn and expressed keen interest in establishing a structured process, drawing from the successful model implemented under the DB AG project.

Facilitated through Mr. Bernhard Krieger, Hands on Solution GmbH, the visit included extensive interactions with training institutions including Central Polytechnic College, Vattiyookavu Trivandrum, Government Engineering College, Barton Hill, Thiruvananthapuram, and Government Industrial Training Institute, Chackai Trivandrum.

These visits provided valuable insights into Kerala's training ecosystem, from advanced infrastructure and industry-relevant curriculum to robust On-the-Job Training (OJT) systems. The delegation also engaged in meaningful exchanges with faculty and students, gaining a ground-level perspective on the quality and aspirations of our future workforce.

The collaboration with BUG SE holds immense potential to create global employment pathways for skilled youth from Kerala while contributing to Germany's infrastructure development needs.



VIZHINJAM PORT USHERS IN A NEW ERA OF MARITIME LOGISTICS AND JOB OPPORTUNITIES

Kerala adds a golden feather to its cap as the Vizhinjam International Seaport commissions, becoming a prime hub to drive the country's employment, trade efficiency, and economic & regional development. Inaugurated by Shri Narendra Modi, the Honourable Prime Minister of India, on May 2nd 2025, the port opens a gateway to limitless opportunities in global maritime logistics.



A Strategic Base with Global Potential

Vizhinjam was identified as a site of strategic maritime importance due to several compelling factors. Its natural deep-sea depth and close proximity to international shipping lanes make it exceptionally suited for a world-class port. Geographically positioned near major maritime routes, Vizhinjam offers reduced transit times, making it an attractive choice for global shipping companies.

The development of the Vizhinjam port is expected to play a key role in strengthening India's maritime capacity by enabling direct trans-shipment within the country. This shift has the potential to significantly reduce reliance on foreign ports, conserve foreign exchange, and contribute to the growth of domestic maritime infrastructure and trade autonomy.

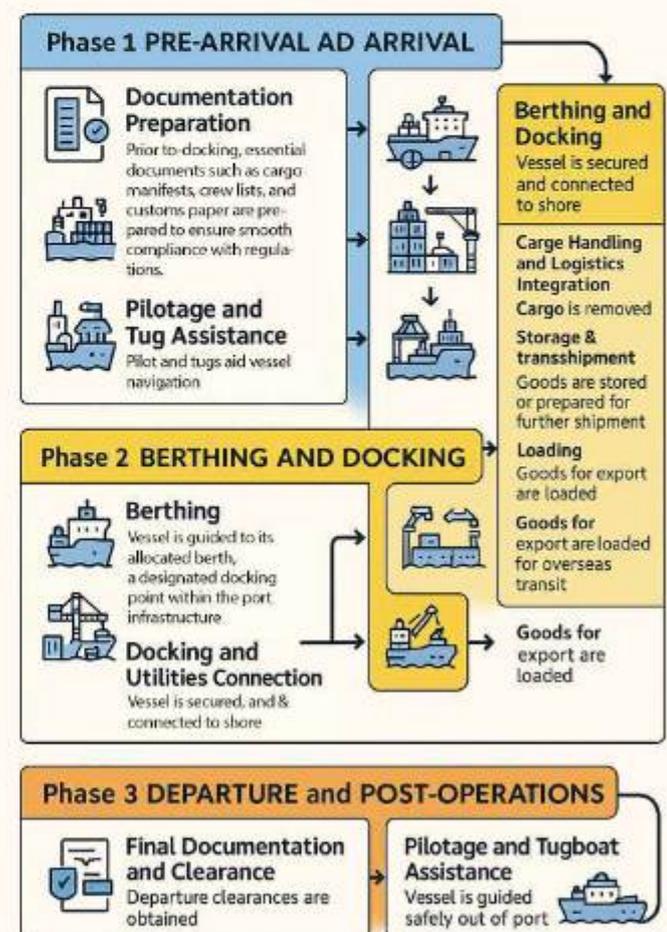
Expected Economic Growth and Employment Generation

The Vizhinjam port has the potential to generate significant employment opportunities across a wide range of sectors, including port operations, logistics, warehousing, freight forwarding, shipping, and supply chain management. As activity around the port intensifies, a diverse array of specialized roles emerge, highlighting the need for targeted skill development to prepare the local workforce for sector-specific demands. To tap into this employability potential, efforts are being made to localize workforce readiness. Individuals undergoing training at government-run skill development centres are increasingly being placed in various segments of port operations to align training outcomes with real-time industry needs.

Port Operations: From Arrival to Departure

The routine operations at the port comprises a vast series of coordinated activities spanning from the arrival of cargo ships to the final dispatch of goods to their destinations. These activities are the backbone of the import-export business, which facilitates the exchange of commodities that fuel industries and drive economic growth. The entire set of activities are divided into three main phases:

SHIP PORT CALL PROCESS



Through this interrelated sequence of actions, every function is streamlined to minimize turnaround time and maximize throughput.

TRANSFORMING THE FACE OF MARITIME LOGISTICS

The dynamic logistics ecosystem at Vizhinjam generates numerous employment opportunities and demands skilled professionals in maritime logistics and global supply chain sectors.

Port Operation Roles

- **Port Operations Manager:** Responsible for the smooth operations of the port and cargo operations
- **Berthing:** Process of safely navigating a vessel into its designated position alongside a pier, quay, or dock so that cargo operations can commence
- **Maritime Pilot:** Guide vessels safely and expeditiously through their area ensuring safety of the environment, people and trade.
- **Tug Operator:** Assists in maneuvering small vessels to push and pull large ships through harbour entrances and locks
- **Crane Operators:** Handle loading and unloading using gantry cranes or mobile harbor cranes.
- **Cargo Handlers:** Move goods manually or via equipment from ships to storage or transport vehicles.

- **Marine surveyors:** They play a crucial role in the maritime industry, ensuring the safety, compliance, and performance of vessels and maritime structures.
- **Shipping Executive:** Liaise with ports and logistics partners for vessel schedules and container tracking

Logistics and Supply Chain Roles

- **Logistics Coordinator:** Oversees warehouse operations including inspecting, loading, stuffing, and stripping cargo.
- **Freight Forwarder:** Legal person that provides services for the international transport of goods.
- **Customs and Compliance Analyst:** Ensure compliance with customs regulations and international trade laws within the logistics and port management context.
- **Import Specialists:** Role involves customs compliance, vendor coordination, logistics management, cost management, inventory control
- **Export Specialists:** Role involves export documents, market research, customer liaising, regulatory compliance, shipping coordination.
- **Supply Chain Analyst:** Analyze and optimize supply chain processes to enhance efficiency and reduce costs.
- **Warehouse and Distribution Manager:** Ensures timely storage and distribution of cargo.





Infrastructure and Equipment Roles

- **Straddle Carrier**
Operator: Involved in the operation and managing of straddle carriers, designed to lift and carry containers over short distances.
- **AGV Operator (Automated Guided Vehicle):** Involved in the operation and managing of AGVs, that transports finished goods from the production line to storage or shipping areas.
- **Dry Dock Technician:** Responsible for the operation and maintenance of all facilities' dry docks.
- **Management of Reefers:** This role involves the management and monitoring of refrigerated containers (reefers) used to transport perishable goods such as fruits, vegetables, seafood, dairy, and pharmaceuticals. These containers are a critical part of the cold chain logistics system, ensuring that temperature-sensitive cargo remains fresh and safe throughout the shipping process.

These are just a few among the vast array of job roles spanning technical, managerial, and operational domains. Apart from these, there are roles across critical domains that focus on segments like pricing analysis, demand forecasting, regulatory compliance, financial planning, and resource allocation. Together, they ensure the smooth financial, legal, and operational management of the port, standardizing every activity to align with international benchmarks, domestic maritime policy, and long-term strategic objectives.

Localizing Global Opportunities

Shri. V.N Vasavan, the Minister for Ports, Cooperation and Devaswoms recently reiterated the government's efforts to prioritize local employment during both construction and operational phases of Vizhinjam. In line with this vision, the Kerala Academy for Skills Excellence is facilitating focused skill training programs in the maritime logistics sector, ensuring job placement at the port for trained candidates.

Kerala Anchoring a Maritime Future

With Vizhinjam at the helm, Kerala is shaping a promising future for India's youth in the maritime and logistics sector. As the global trade evolves, Vizhinjam will be instrumental in steering India towards strategic self-reliance, innovation, economic growth, and job creation backed by world class infrastructure, skilled manpower and visionary leadership.



കെയ്സ് "എന്റെ കേരളം - 2025" പ്രദർശന വിപണനമേളയിൽ സജീവമായി പങ്കെടുത്തു.

കേരള സർക്കാരിന്റെ നാലാം വാർഷികഘോഷങ്ങളുടെ ഭാഗമായി സംഘടിപ്പിച്ച "എന്റെ കേരളം - 2025" പ്രദർശനത്തിൽ കേരള അക്കാദമി ഫോർ സ്കിൽസ് എക്സലൻസ് (കെയ്സ്) സജീവമായി പങ്കെടുത്തു. സംസ്ഥാനത്തെ 10 ജില്ലകളിലായി കെയ്സ് ഒരുക്കിയ ആകർഷകവും വിജ്ഞാനപ്രദവുമായ സ്റ്റാളുകൾ ജനശ്രദ്ധ പിടിച്ചുപറ്റി. കെയ്സ് സ്റ്റാളുകളിൽ, സ്ഥാപനത്തിന്റെ പ്രധാന സംരംഭങ്ങളെയും മുൻനിര പദ്ധതികളെയും കുറിച്ച് വിശദമായി അവതരിപ്പിച്ചു. കൂടാതെ, നൈപുണ്യ പരിശീലനത്തിലും തൊഴിൽ വിദ്യാഭ്യാസത്തിലുമുള്ള പുതിയ പരിപാടികളെക്കുറിച്ചും മറ്റ് നിരവധി നൈപുണ്യ വികസന മാർഗ്ഗങ്ങളെക്കുറിച്ചും സന്ദർശകർക്ക് വ്യക്തമായ വിവരങ്ങൾ നൽകി. ഈ സ്റ്റാളുകൾ, നൈപുണ്യ വികസന മേഖലയിലെ ഏറ്റവും പുതിയ പ്രവണതകളെക്കുറിച്ചും കെയ്സിന്റെ സംഭാവനകളെക്കുറിച്ചും പൊതുജനങ്ങൾക്ക് നേരിട്ട് മനസ്സിലാക്കാൻ അവസരമൊരുക്കി. പ്രദർശനത്തിന് പൊതുജനങ്ങളിൽ നിന്ന് മികച്ച പ്രതികരണമാണ് ലഭിച്ചത്. സമൂഹത്തിന്റെ വിവിധ മേഖലകളിൽ നിന്നുള്ള ആയിരക്കണക്കിന് സന്ദർശകർ കെയ്സ് ടീമുമായി സംവദിക്കുകയും, ലഭ്യമായ



നൈപുണ്യ വികസന അവസരങ്ങളെക്കുറിച്ച് മനസ്സിലാക്കുകയും ചെയ്തു. സമീപഭാവിയിൽ വരാനിരിക്കുന്ന പരിപാടികളിൽ അവർ വലിയ താൽപ്പര്യം പ്രകടിപ്പിച്ചത് കെയ്സിന്റെ പ്രവർത്തനങ്ങൾക്ക് ലഭിച്ച അംഗീകാരമായി. ഈ വിജയകരമായ പങ്കാളിത്തം, ഭാവിക്ക് സജ്ജമായ നൈപുണ്യമുള്ള ഒരു തൊഴിൽ ശക്തിയെ വാർത്തെടുക്കാനും, കേരളത്തിലാകമാനം നൈപുണ്യ വികസനം എത്തിക്കാനുമുള്ള കെയ്സിന്റെ ദൗത്യത്തിന് കൂടുതൽ ഊർജ്ജം പകരുകയും ചെയ്തു. "എന്റെ കേരളം - 2025" പ്രദർശനം കെയ്സിന് പൊതുജനങ്ങളുമായി കൂടുതൽ അടുക്കാനും നൈപുണ്യ വികസനത്തിന്റെ പ്രാധാന്യം ജനങ്ങളിലേക്ക് എത്തിക്കാനുമുള്ള മികച്ച വേദിയായി മാറി.

THE UNION CABINET APPROVES THE NATIONAL SCHEME FOR ITI UPGRADATION

The Union Cabinet has approved the National Scheme for ITI Upgradation and the Setting up of 5 National Centres of Excellence, with an outlay of ₹60,000 crore under Budget 2024-25 and 2025-26.

This landmark scheme positions vocational training as a key driver of Viksit Bharat by 2047. Kerala Academy for Skills Excellence welcomes this bold push towards a future-ready, industry-aligned skilling ecosystem!

Skilling India: Vision at a Glance

1 Upgrade 1,000 Govt. ITIs into Industry-Managed Institutes

- Collaboration with Industry Partners
- Modern Infrastructure & Curriculum
- Job-Ready Training Aligned with Market Needs



2 Establish Skill Hubs to Train 20 Lakh Youth in 5 Years

- Accessible Skill Development Centers Across the Country
- Short-Term, Job-Oriented Courses
- Empowering Youth for Employment & Entrepreneurship



3 Establish 5 National Centres of Excellence (NCoEs)

- Bhubaneswar
- Chennai
- Hyderabad
- Kanpur
- World-Class Training & Research Facilities
- Advanced Skill Development in Cutting-Edge Sectors
- Global Partnerships & Industry Collaboration





Department of Labour and Skills
Government of Kerala



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KASE

KERALA ACADEMY FOR SKILLS EXCELLENCE

Skill Development Mission of Government of Kerala

കേരള അക്കാദമി ഫോർ സ്കിൽസ് എക്സലൻസ്

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