



Capsule Course

on

Coir & Coir Products

28 January 2025

at CCRI, Kalavoor, Kerala



**Organized jointly by
National Institute of Training for Standardization (NITS),
Textiles Department (TXD) and Kochi Branch Office (KOBO),
Bureau of Indian Standards**

Bureau of Indian Standards (BIS) being the National Standards Body of the country discharges multitude of functions and services for enhancing the quality ecosystem in the country. The activities of BIS include standards formulation at national and international level, conformity assessment schemes (Product Certification, Systems Certification, Registration and Hallmarking), testing and training. All these activities are carried out through their network of offices at its headquarters, regional and branch offices and labs spread throughout the country.

The coir industry is integral to India's economy as a provider of employment, especially to women and rural communities. Its contributions to foreign exchange earnings through exports, support for coconut farming, and promotion of sustainable practices make it an economically and environmentally valuable sector. Furthermore, government initiatives and innovations are driving the modernization and expansion of this traditional industry. The coir industry has a multifaceted impact on the Indian economy:

1. Major Employment Provider

The coir industry is highly labour-intensive, providing direct and indirect employment to around 7 lakh (700,000) people in India, especially in Kerala, Tamil Nadu, Andhra Pradesh, Karnataka, and Odisha. A significant portion of the workforce in this industry are women, contributing to women's empowerment and economic independence in rural areas. The industry offers a wide range of jobs, from farming coconut husks to processing and manufacturing coir products, supporting a large number of small and medium-sized enterprises (SMEs).

2. Export Earnings and Foreign Exchange

India is the largest producer and exporter of coir and coir products, with a share of over 80% in the global market. Major importers include the United States, European Union, China, and Australia. The export of coir products brings in significant foreign exchange, contributing to India's balance of payments. Coir exports in India reached around ₹4,340 crores (2021–2022), with consistent growth over the years.

3. Eco-Friendly and Sustainable Industry

Coir, being biodegradable and eco-friendly, aligns with global trends toward sustainability and the increased demand for natural products. The emphasis on using natural fibres over synthetic ones provides the coir industry with a competitive advantage. Products like coir mats, ropes, geotextiles, and coir-based bio-engineering products are widely used in erosion control, horticulture, and organic farming.

4. Boost to the Agricultural Sector

Coir is derived from the husk of coconuts, and India is one of the largest producers of coconuts. The coir industry supports the agricultural sector by creating a value chain for coconut by-products, ensuring farmers get better returns on their produce. The industry promotes integrated development of both agriculture (coconut cultivation) and industrial sectors, ensuring mutual growth.

5. Rural Industrialization and Skill Development

The coir industry, primarily based in rural areas, helps promote rural industrialization. It reduces migration from rural to urban areas by providing livelihood opportunities locally. Various government schemes aim to promote skill development in coir-related activities, which, in turn, boosts rural entrepreneurship.

6. Coir Board Initiatives and Financial Assistance

The Indian government, through the Coir Board, has been promoting this industry by implementing several schemes such as the Coir Vikas Yojana and Mahila Coir Yojana to modernize production, improve quality, and create more job opportunities. Government subsidies and support for coir clusters under schemes like the Prime Minister's Employment Generation Programme (PMEGP) boost local production capacities.

The Indian coir industry is gradually embracing technological advancements to enhance productivity, quality, and product diversity. New products such as coir composites, geo-textiles, and coir pith-based materials are emerging, catering to modern environmental needs. As consumer preferences shift towards sustainable and eco-friendly products, the demand for coir textiles and related products is set to increase. With ongoing government support, technological advancements, and innovations in product applications, the coir industry will likely continue to thrive, contributing to India's economy while promoting environmental sustainability.

BIS has published several standards pertaining to Coir & Coir Products, some of which are mentioned below:

IS 11060: 2020	Specification for Moulded Rubberized Coir Cushioning
IS 11420 (P19): 2020	Specification for Coir Mats
IS 12503 (P16): 2020	Coir – Mattings, Mourzouks and Carpets
IS 14596: 2020	Coir Products – 2-Ply Coir Yarns Spun by Manual Operation – Specification
IS 15340: 2019	Coir Felt – Specification
IS 17734: 2022	PVC/Latex Tufted Coir Mats – Specification
IS 17739: 2022	Raw Coir Pith – Specifications
IS 8391 (P1-P3)	Rubberized Coir Sheets for Cushioning – Specification
IS 898: 2020	Specification for Retted Coir Fibre
IS 9308 (P1-P4)	Specification for Mechanically Extracted Coir Fibres

Learning Objectives

- To familiarize the participants with the various Indian Standards related to coir and coir products, thus enabling them to ensure appropriate and efficient use of coir and coir products in various sectors of the economy.

Training Methodology

- Classroom based with combination of lectures and presentations, etc.

Fee

- **The course fee is Rs. 1000/- + 18% GST per participant.**
- Participants have to arrange transport and accommodation on their own.
- Accommodation and transportation charges have to be borne by the participants.
- **No training fee for Government Officials (Central/States/UTs) officially nominated by their department heads.**

Who should attend?

The course is designed for:

- Manufacturers, suppliers and users of Coir & Coir Products
- Laboratory personnel involved in testing of Coir & Coir Products
- Researchers and academicians in Textile Engineering

Criteria for Selection

- Selection on First Come First Serve basis

Certification

- Certificate will be awarded to all participants on completion of course

Venue

- The course will be held at **CCRI, Kalavoor, Kerala**
- Address: Central Coir Research Institute
Kalavoor. P.O,
Alappuzha 688 522,
Kerala, India

How to Apply?

Application has to be made through BIS Training Portal by following the steps mentioned below:

- | |
|---|
| • VISIT the e-BIS Website: www.manakonline.in |
| • CLICK on the "Training" Head |
| • LOGIN by clicking on the blue "LOGIN" button on the top right corner |
| • SIGNUP by clicking on "SIGNUP" on the Member Login Page if you are not a member otherwise "SIGN IN" using your credentials |
| • FILL OUT all the fields and click on "REGISTER" and complete the registration process |
| • CHOOSE the course you want to apply for, fill in the required information and "PAY" the requisite fee. |

In case you are unable to submit your nomination on the BIS Training Portal, the same may be done by emailing filled up nomination form to nits@bis.gov.in. In that case, payment of the requisite fee may be made via NEFT/UPI to the Bureau of Indian Standards Bank Account, details of which are mentioned in the nomination form.

Contact

For any further queries, you may contact:

Shri Yajur Digvijay Singh Brar

Management Executive and Course Coordinator,

Mobile – 9463049901

Email: nits@bis.gov.in



राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान, नौएडा
NATIONAL INSTITUTE OF TRAINING FOR STANDARDIZATION, NOIDA
भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Nomination Form

Name of the Programme			
Date of the Programme		Venue:	
Sponsoring Organization (OR In Individual Capacity) with complete Address			
Telephone /Mobile Number			
Organization/Firm GST No.			
Email ID			

Participants Details

Sl. No.	Name (IN CAPITAL LETTERS)	Designation	Contact No.	Email
1.				
2.				
3.				
4.				
5.				

Will you stay in Hostel?		If yes, please mention the date and time					
Yes	No	Arrival	Date	Time	Departure	Date	Time

Details of Payment (in Rupees)

Training Fees *	Hostel Charges *	GST ##	Discount, if any	Total amount

Mode of Payment

Name of Bank	UTR No. & Date of transaction # (for NEFT/Net banking/ IMPS/UPI payment)	Amount (in Rs.)

* For Training/hostel fees, see NITS Training Calendar at BIS website www.bis.gov.in. (Stay in hostel is charged on Night stay basis).

For payments by **NEFT**, Payment should be made to **Bureau of Indian Standards, Savings A/c No. 712210100000650, Bank of India, Sec-62 Noida, Branch Code 7122, IFSC Code BKID0007122.**

NITS GST No. 09AAATB0431G2Z8, SAC Code: 999294 Applicable GST@ 18% on Training fee and Hostel fee.

Date: _____

Signature and Seal _____

The nomination form should preferably be scanned and e-mailed to nits@bis.gov.in, hnits@bis.gov.in and reach NITS at least one week before the programme date. For sending hard copy may be addressed to:

Head, National Institute of Training for Standardization (NITS), Bureau of Indian Standards,

A – 20 & 21, Institutional Area, Sector – 62, NOIDA - 201309, U.P.

Phones: 0120 – 4670227, 4670232, Email: nits@bis.gov.in, hnits@bis.gov.in, Website: <http://www.bis.gov.in>

Important:

1. Participants are requested to get the confirmation from NITS, whether, nomination has been accepted or not **before attending the programme.**

2. Rules for Refund of Training & Hostel Fees:

- A refund of full fees shall be made when cancellation/withdrawal of nomination is made **at least 15 days** in advance of the date of the training.
- Cancellation/withdrawal of nomination is made **less than 15 days** in advance of the date of the training programme or is not informed, a **cancellation charge of 25%** of the training fees would be levied. The balance amount after deducting the cancellation charges would be returned.
- Hostel fees if any, paid in advance shall be returned in full.



राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान
National Institute of Training for Standardization



Reach Us

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