



National Apprenticeship Training Scheme

Board of Practical Training (Eastern Region)

**Ministry of Education
Department of Higher
Education
Government of India**



1

NATS Overview

III. Board of Practical Training – Eastern Region

12 States, 1 Union Territory

under purview of Boards of Practical Training

- | | |
|----------------------|---------------------------------|
| 1. Assam | 8. Manipur |
| 2. Arunachal Pradesh | 9. Odisha |
| 3. Bihar | 10. Tripura |
| 4. Jharkhand | 11. Sikkim |
| 5. Meghalaya | 12. West Bengal |
| 6. Mizoram | Union Territory |
| 7. Nagaland | 13. Andaman and Nicobar Islands |

5 States

7 Extension Offices

of Boards of Practical Training

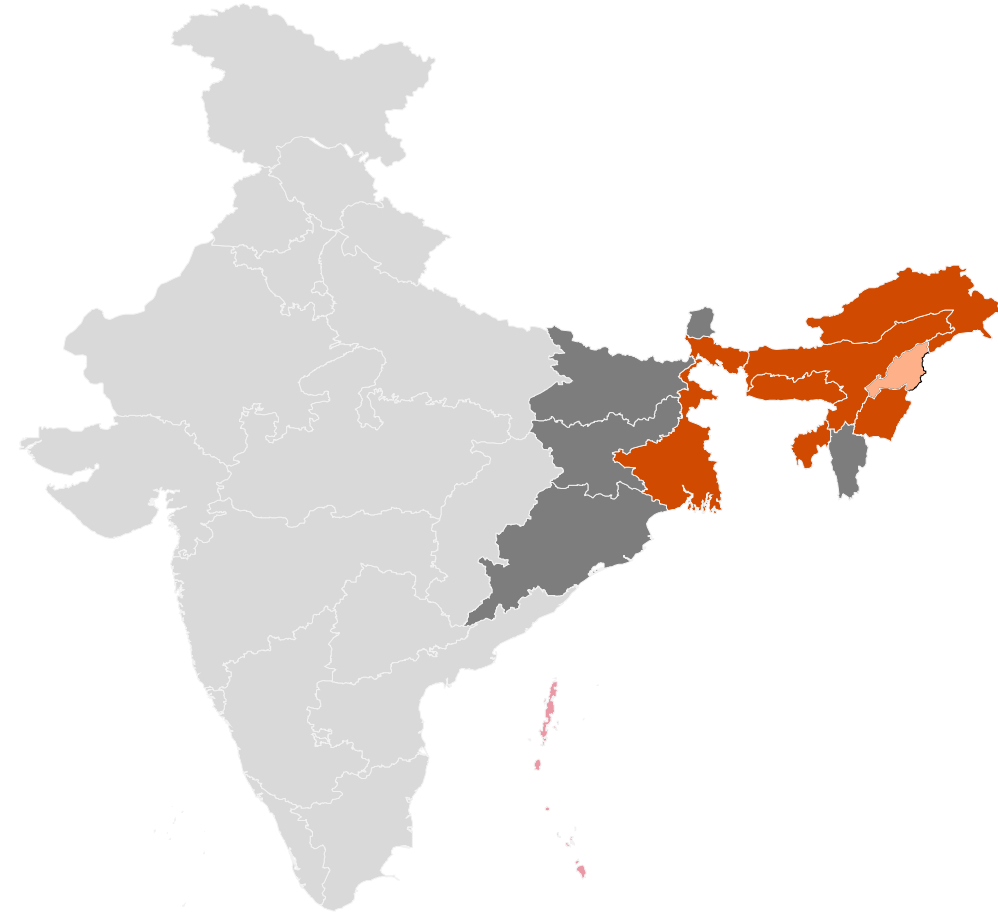
1. Bhubaneswar
2. Guwahati
3. Patna
4. **Begusarai**
5. Jamshedpur
6. Durgapur
7. Ranchi

6 States, 12 Cities

Student Recruitment and Industry Engagement (STAR) team

For ground level outreach & collaboration with Industries and Higher Education Institutions

- | | |
|----------------|--------------|
| 1. Patna | 7. Khurdah |
| 2. Hajipur | 8. Durgapur |
| 3. Jamshedpur | 9. Kolkata |
| 4. Ranchi | 10. Haldia |
| 5. Bhubaneswar | 11. Guwahati |
| 6. Sundargarh | 12. Shillong |



Regional Office

Kolkata

NATS is a flagship scheme for providing Apprenticeships

There are 03 apprenticeship services under NATS

1 During Graduation/Diploma



Apprenticeship Embedded Degree/Diploma Programmes (AEDP): UGC & AICTE have issued guidelines to enable all degree programs to embed apprenticeships as an integral part of curricula

2 After Graduation/Diploma



Graduate and Diploma Apprenticeships: All fresh graduates and diploma holders can enroll as apprentices within 5 years of graduation

3 Integration with Higher Education through Credits

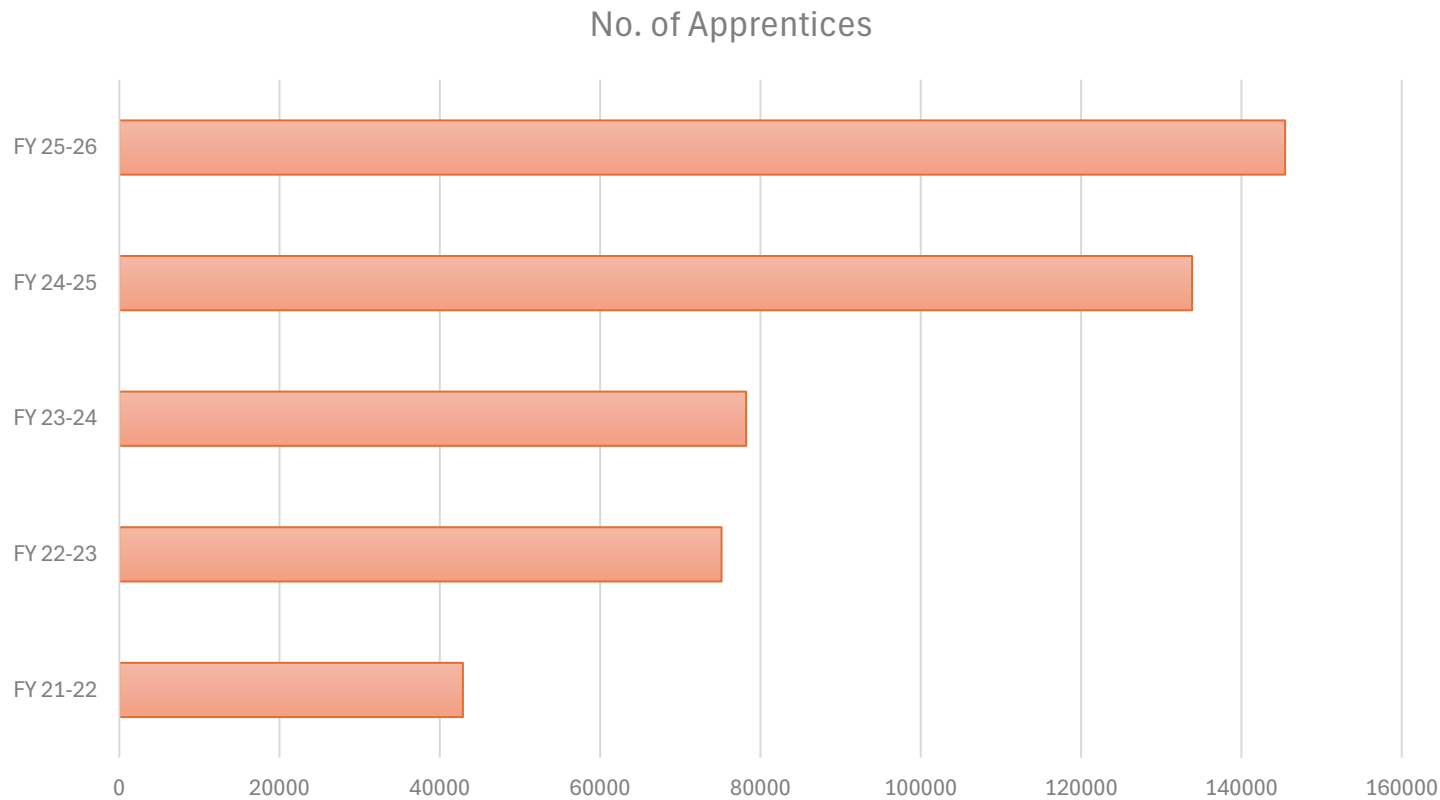


Assessment & Credits for Apprenticeships: Apprentices will receive credits for Apprenticeship through an assessment conducted by HEIs

I. Performance under NATS (Eastern Region)

Apprentices trained from FY 2021-22 to FY 2025-26 (till date)
4,62,722*

Stipend Disbursed from FY 2021-22 to FY 2025-26 (till date)
₹ 872.07 (in Crores)



Aspirational Districts in the Eastern Region
FY 2025-26

Apprentices Registered

25,404

Apprentices Trained

~4,500

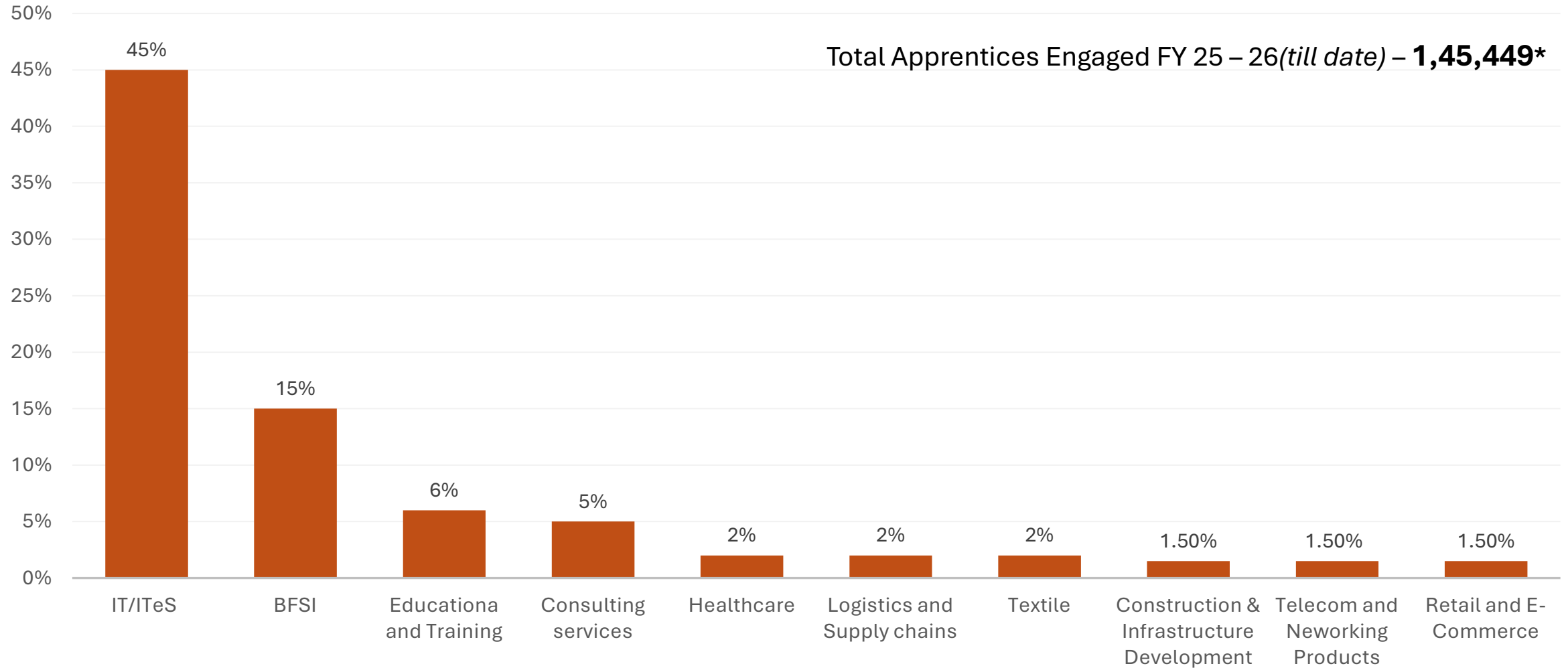
DBT Stipend

Rs 10.26 Cr

* Data updated Till date- 31st March 2026

II. Key sectors under NATS in the Eastern Region

Top 10 Sectors for Apprenticeship Training in 2025- 26 (till date)



III. BOPT (ER) Outreach

Industry Partners

4,500 +



Opportunities

~2.5 Lakh



HEIs

4,000 +

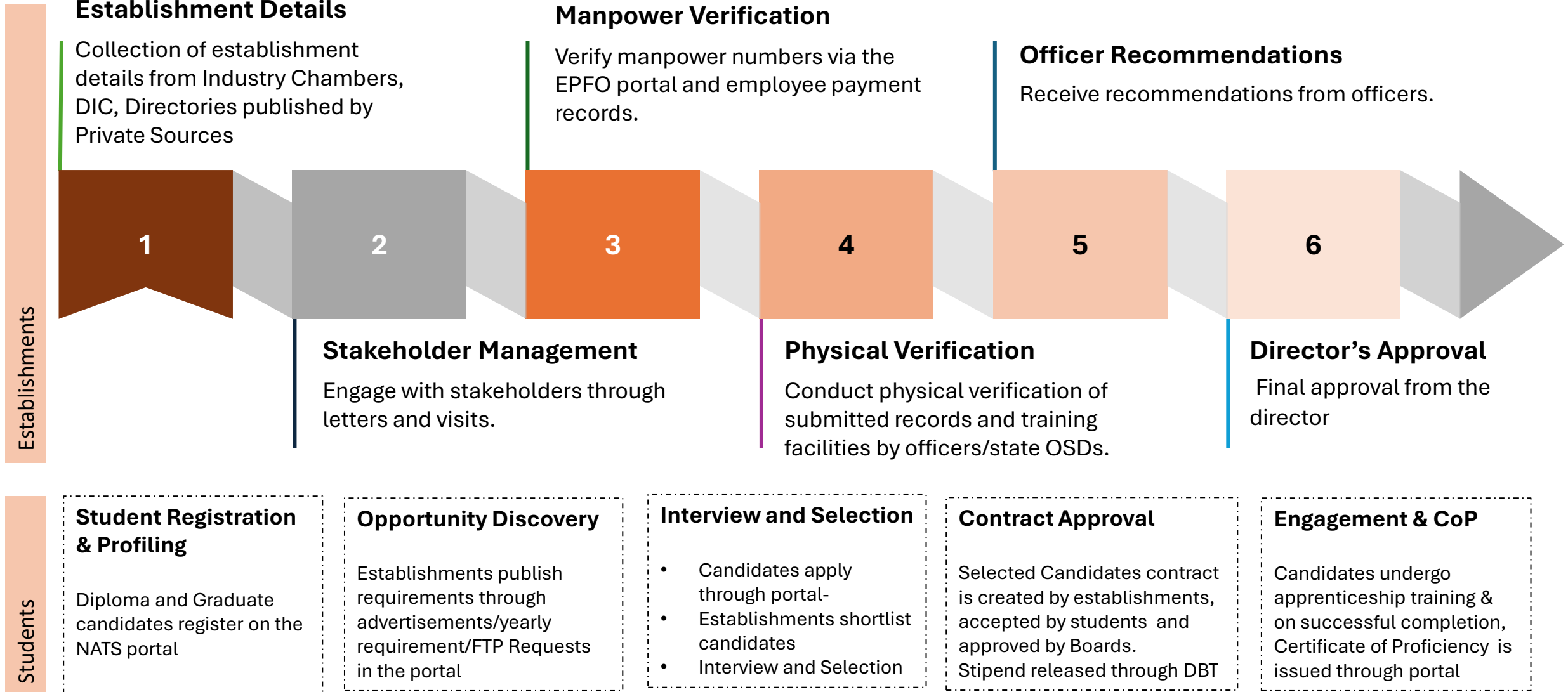


AEDP MOUs

37 and counting



Establishments Institutes Engagement Process



DIC: Districts Industries Centers

Apprenticeship-Cum-Job Fair Portal: Key Highlights

Objective:

Build a skilled talent pool of fresh graduates and diploma holders for apprenticeship opportunities.

Benefits:

- Reduces hiring costs for establishments
- Minimizes gap between course completion and apprenticeship placement

Mission:

Connect students and establishments through a streamlined platform for apprenticeships and job opportunities.

Stakeholders Served:

- Students (Graduate & Diploma, Technical & Non-technical)
- Establishments (Manpower \geq 4)
- Four Regional Boards of Apprenticeship Training (Kolkata, Kanpur, Mumbai, Chennai)

Portal Features:

- **Job Fair:** Students browse and apply to registered companies.
- **Job Post:** Establishments post specific job openings for student applications.
- **Panel Creation:** Automatic matching of student profiles to establishment hiring criteria.

Eligibility:

- Students: Graduates/Diploma holders passed in last 5 years or final year students
- Establishments: Any organization with 4 or more employees under the Apprentices Act

Apprenticeship Cum Job Fairs-Statistics

	FY 2024-25	FY 2025-26 (*Till Feb 15,2026)
Eastern Region	<ul style="list-style-type: none"> Total Apprenticeship Cum Job Fair Conducted: 8 Total Establishment Participated: 155 	<ul style="list-style-type: none"> Total Apprenticeship Cum Job Fair Conducted: 10 Total Establishment Participated:288 *
Eastern Region	<ul style="list-style-type: none"> Total Registrations on ACJF Portal: 50,963 Total Registrations for Job Fair: 7,487 Total Participation in the Job Fair: 5,005 Student Shortlisted/Selected via Job Fair: 3,078 	<ul style="list-style-type: none"> Total Registrations on ACJF Portal:77,266 * Total Registrations for Job Fair: 12,600* Total Participation in the Job Fair: 7550 * Student Shortlisted/Selected via Job Fair:3,124 *
Eastern Region	<ul style="list-style-type: none"> Final year student registrations on ACJF portal from West Bengal- 667 	<ul style="list-style-type: none"> Final year student registrations on ACJF portal from West Bengal- 9546
Apprenticeship Cum Job Fairs in FY 25-26		<ul style="list-style-type: none"> West Bengal (Baruipur), Bihar (Patna), Odisha (Bhubaneswar), West Bengal (Balurghat), Assam (Guwahati), Assam (Guwahati), Jharkhand (Ranchi), West Bengal (Birbhum), Odisha (Sambhalpur)

*Data as on 31st March 2026

Apprenticeship Embedded Degree/ Diploma Programmes (AEDP)

Apprenticeship Embedded Degree/Diploma Programmes (AEDP) are specially designed to integrate apprenticeship training as a core component of the degree or diploma curriculum. These programs aim to bridge the gap between academic learning and industry requirements by incorporating practical skill development alongside theoretical education. By embedding industry-relevant skills and hands-on apprenticeship experiences into the curriculum, AEDP enhances students' employability and better prepares them to meet the demands of various sectors.

MoU Signed: 37 Institutions

Geographical Coverage: Odisha, Sikkim, Jharkhand, West Bengal, Assam, Karnataka

Key Stakeholders: Students, Higher Education Institutions (HEIs) and Establishments

Monitoring Body: Board of Practical Training (Eastern Region)

Implementing Agencies:

- BOAT (Board of Apprenticeship Training)
- CRISP (Identified HEIs)
- DHE Odisha (Mobilizing HEIs)
- HEIs (Academic Component)
- Establishments (On-the-Job Training)
- BOPT ER (Facilitator)

Course Selection & Curriculum Design: DHE Odisha, HEIs, Odisha Sector Skill Council

Assessment: Jointly conducted by HEIs and Establishments

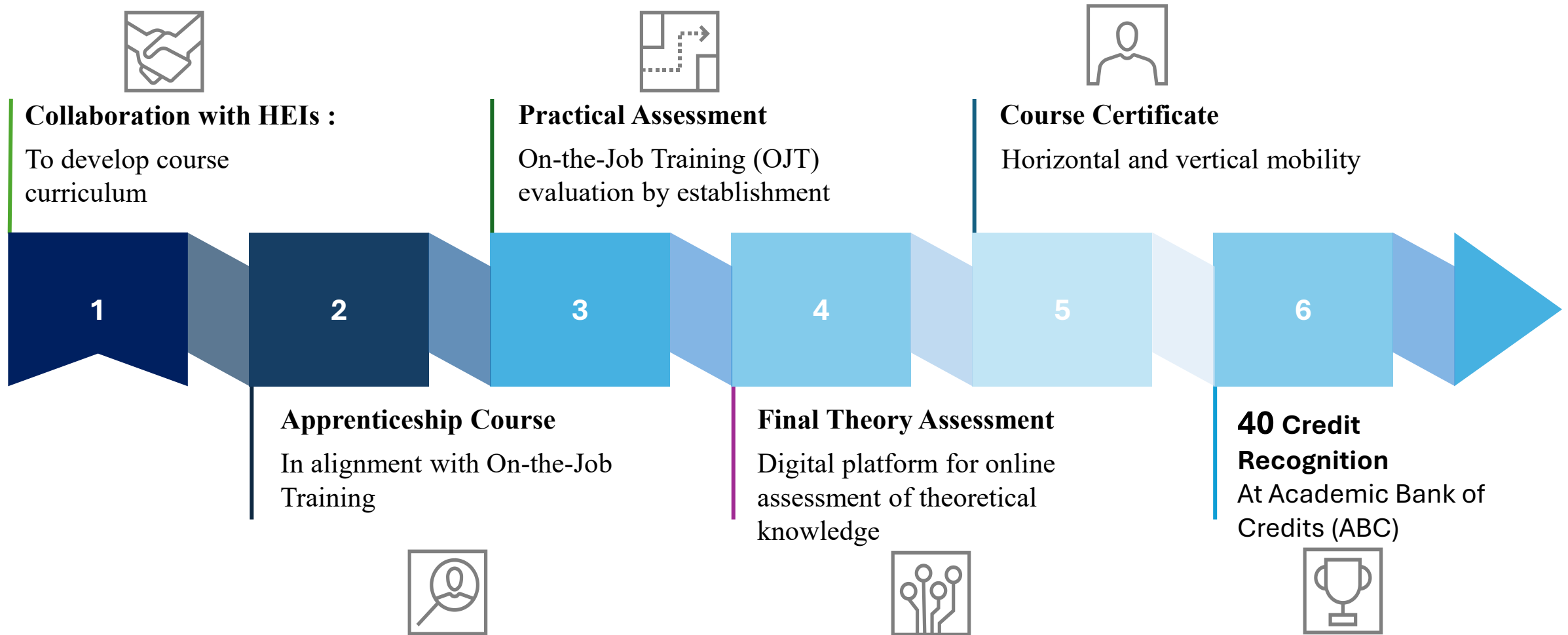
Awareness & Outreach: BoPT ER, AICTE, DHE Odisha

Certification:

- University Degree by HEI
- Certificate of Proficiency by BOPT ER

Assessments & Creditisation Initiative (under NATS)

To empower apprenticeships by recognizing learning through assessments with HEIs, awarding NCrF credits to the Academic Bank of Credits (ABC)



Academic Band/ Hours of Learning per year	Academic Grade/ Levels- School Education & Higher Education	Vocational Education Long Term Trg/ Short Term Trg (LTT/STT)	National Credit Framework (NCrF) Credit levels	Credits Earned/ year	Credit Points Earned	Assessment Stage and equivalence
Doctoral Degree	PhD	NSQF Level 8 STT	8.0	40	320	
PG degree (1/2 yrs)/ ME/ M Tech (1200 Hrs/yr)	PG- 2 nd (Eng)	NSQF Level 7 STT	7.0	40	280	M.Tech. 2 nd Yr,/ Engg PG Degree
	PG – 2 nd yr/ PG 1 st yr (Eng)	NSQF Level 6.5 STT	6.5	40	260	PG Degree/ M.Voc / M.Sc (eng)
4-year UG with honours/ Honours with Research / PG – 1st yr		NSQF Level 6 STT	6.0	40	240	UG- Degree (Hons)/ PG – Diploma/B.Tech/B.E
	UG- 3 rd Year	10 th +5-Yr NTC/NAC/CITS, 12 th +3-Yr NTC/NAC/CITS, NSQF Level 5.5 STT	5.5	40	220	UG- Degree/ B.Voc/ B.Sc Eng
	UG- 2 nd Year	10 th +4-Yr NTC/NAC/CITS, 12 th +2-Yr NTC/NAC/CITS, NSQF Level 5 STT	5.0	40	200	UG- Diploma/ Diploma-Eng
	UG- 1 st Year/equivalent	10 th +3-Yr NTC/NAC/CITS, 12 th +1-Yr NTC/NAC/CITS, NSQF Level 4.5 STT	4.5	40	180	UG- Certificate
2 year- Senior Secondary (1200 Hrs/yr)	Class XII	10 th +2-Yr NTC/NAC/CITS, NSQF Level 4 STT	4.0	40	160	Class XII (thru CBSE/ School Boards/ NIOS)
	Class XI	10 th +1-Yr NTC/NAC/CITS, NSQF Level 3.5 STT	3.5	40	140	Class XI (thru CBSE/ School Boards/ NIOS)
2 Year- Secondary (1200 Hrs/yr)	Class X	8 th +2-Yr NTC/NAC, NSQF Level 3 STT	3.0	40	120	Class X (thru CBSE/School Boards/ NIOS)
	Class IX	8 th +1-Yr NTC/NAC, NSQF Level 2.5 STT	2.5	40	100	Class IX (thru CBSE/ School Boards/ NIOS)
3 year- Middle (1200 Hrs/yr)	Class VIII	NSQF Level 2 STT	2.0	40	80	Class VIII (thru School Boards/ NIOS)
	Class VII		1.67	40	67	
	Class VI		1.33	40	53	
3 year- Preparatory (1000 Hrs/yr)	Class V	NSQF Level 1 STT	1.0	33	33	Class V (thru School Boards/ NIOS)
	Class IV		0.8	33	26.4	
	Class III		0.6	33	19.8	
5 year Foundational (800 Hrs / yr)	Class II		0.4	27	10.8	
	Class I		0.2	27	5.4	
	Pre-School (3 years)		0.1x3	27x3=81	8.1	

Objectives

NATS Assessment and Creditisation

To develop a mechanism for continuous assessment of on-job performance of apprentices

To monitor the on-ground progress of the apprentices periodically through sample checks

To develop a mechanism for creditisation of learning performance

Assessed by






Establishment	NITTTR Kolkata
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Module 1	Module 2	Module 3	Module 4	Module 5
Induction/ Orientation	General Training	Specialized Training	Advanced/ Project Oriented Training	MOOCs (2) 1. Job Specific 2. New Age Skills

Assessment Tools (How)

Objective type questions	On job performance through Checklists & Rubrics	On job performance through Checklists & Rubrics	On job performance through Checklists & Rubrics, Projects, Viva-voce, plus MCQs	Objective type questions, Fill in the Blanks, True/False type
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Assessment Component, Tools and Techniques (Completed in Phase-I)

	Mark s	Credit s	Assessment Component (What to Assess)	Assessment Tools and Technique (How to Assess)	Time Interval (When to Assess)
 Module 1 Induction	100	35	Underpinning knowledge related to specific job role	Objective type questions	Upon completion of M I, when the apprentice trainee gains a know-how & basic understanding of the job-role. * at the end of M II
 Module II General Training	200		Skill set, specific task performance, soft skills	Skill Assessment Tests, on job performance through Checklists, Rating scales, Supporting video clips.	
 Module III Specialised Training	300		Skill set, specific task performance, analytical skills, work ethics	Skill Assessment Tests, on job performance through Rubrics, Supporting video clips.	* upon completion of M III
 Module IV Advanced Training/ Project Oriented	250		Specialized task performance, analytical skills, decision making skill, problem solving, ability for independent project handling, managerial skills, professional ethics	Skill Assessment Tests, presentation, assignments and on job performance through Rubrics. Different types of questions to be added for knowledge consolidation.	At the end of M IV
 Module V MOOCs- Job Specific and New Age Skills	150	5	Knowledge related to Specific Job Role	Objective type Question, Fill in the blanks, True/False	On Completion of all the above 4 Modules
		Total of 40 Credits			

BOPT(ER) Website and Social Media



<https://www.bopter.gov.in/>



<https://acjf-moe.in/>



Assessment: <https://natscreditisation.com/>



<https://www.instagram.com/bopt.er/@bopt.er>



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Thank You