Apprenticeship Embedded Degree Programme (AEDP)

NEP 2020 lays emphasis on making education more holistic and effective by integrating general (academic) and vocational education while ensuring the vertical and horizontal mobility of students/learners between academic and vocational streams.

AEDP enable students admitted to an undergraduate programme of the Higher Educational Institution(HEIs), recognised as per the UGC Act, 1956, to pursue apprenticeship training as an integrated component of the degree programme in compliance with the UGC/AICTE guidelines.

About AEDP

Total Courses under AEDP	HEIs On-boarded	Student On-boarded
10	**30**	**1200+**

Objective

- To bridge the skill gap in the industries by effectively implementing AEDP in partnership with HEIs and/or Board of Apprenticeship Training (BOAT)/ Board of Practical Training (BOPT).

Tripartite Agreement

- To enter a Degree Apprenticeship engagement, it shall be mandatory to have a tripartite agreement between the recognised HEI, industry/establishment and the student (apprentice).

Scope

- The Degree Apprenticeship Guidelines are guided by the fundamental tenets of Apprenticeship as enshrined in the Apprentices Act, 1961, i.e.

- The training is managed through a contract of Apprenticeship, payment of minimum prescribed stipend to the Apprentice and adherence to the provisions of the Act.

Stipend

- Offering AEDP through registration on the NATS portal and Stipend will be paid by the government as applicable & as per the agreement signed for the apprenticeship purpose with the BOPT/BOAT.

Apprenticeship Plan

- An apprenticeship plan shall be developed by the HEIs in collaboration with the industry/establishment.
- The BOATs/BOPT may also be involved in the development of the plan for on boarding on the NATS portal

Eligibility of HEIs

Any HEI may offer an AEDP Programme which fulfils the following conditions:
- Having ranked in the University category of the NIRF in the latest NIRF rankings or
- Having a valid grade/score by NAAC or
- Having a valid basic accreditation by NAAC and complying with the criteria specified by the Commission from time to time.

Note: **For detailed information on AEDP please read the latest guidelines published by UGC and AICTE.**

AI APPRENTICESHIP PROGRAMME UNDER NATS

About Us

The National Apprenticeship Training Scheme is a flagship scheme of the Ministry of Education which aims to bridge the employability gap by facilitating on-the-job training of fresh graduates, diploma holders and students of Apprenticeship Embedded Degree Programmes.

To meet the rising demand for AI talent, the Ministry is launching the AI Apprenticeship Programme which will provide structured on-the-job training to graduates and diploma holders who wish to acquire proficiency across various fields like Data Science, Machine Learning, Application Development, Prompt Engineering, etc.

Under this programme, the Ministry is requesting establishments that are using or developing AI/ML technologies to offer Apprenticeships under NATS. These establishments may fall under two broad categories.

- Establishments that are developing core AI/ML technology and applications to address specific challenges
- Establishments that leverage AI to solve problems that are specific to their sector like Agriculture, Healthcare, Logistics, etc.

Establishments from emerging sectors who are using AI are encouraged to enrol for the scheme. These sectors may include but not be limited to the following indicative list –

- Energy
- Agri-Tech
- Healthcare
- Digital & Creative Economy
- BFSI
- Manufacturing
- AI in Engineering
- Logistics

Key highlights in the Eastern Region

AI Training Seats Identified
~23000

AI Apprenticeship Engagement
~10000

Establishment On boarded
~100

NATIONAL ASSESSMENT AND CREDITS FRAMEWORK

To empower apprenticeships by recognising learning through assessments with HEIs, awarding NCrF Credits to the Academic Bank of Credits

NCrF aims to recognise and quantify learning outcomes and competencies acquired through formal and informal education

NEP 2020 focus on recognition to "Prior Learning"

- ✓ Integrates Vocational education with General Education
- ✓ Promote mobility between academic & vocational streams
- ✓ Credit recogmistion across learning types (Formal,Informal)
- ✓ Facilitates life long learning
- ✓ 40 Credits for 12 Months Apprenticeship Training

Assessment and Creditisation Initiative

- ✓ Collaboration with HEIs to develop course curriculum
- ✓ Courses developed aligned with the On-the-Job training
- ✓ Evaluation by the establishment
- ✓ Final Theory Assessment (Digital Platform)
- ✓ Course Certificate
- ✓ Credit Recognition

Key Highlights of Eastern Region

- ✓ 11 Courses Created in IT/ITeS Sector in FY 2024-25
- ✓ 4 Establishment from IT/ITeS Sector participated
- ✓ 40 Students successfully assessed and awarded Credits in FY 2024-25
- ✓ MOOCs developed by the reputed University

NATS Assessment Portal: www.natscreditisation.com

General Attribute Development Programme (GADP)

- For over five decades, BOPT(ER) has been driving technical skill development for graduate & diploma engineers across Eastern India under, The Apprentices Act, 1961. But with industries now demanding strong soft skills alongside technical expertise, a gap has emerged in the current education ecosystem.
- BOPT(ER), in partnership with leading industries & institutes, has launched the GADP an intensive initiative that equips fresh graduates, apprentices & professionals with vital soft skills through structured modules & practical training.

GADP Registration

1. Individual Registration
2. Sponsored Candidates

Visit: https://www.bopter.gov.in/GADP

Why Soft Skills Matter Today?

Technical knowledge alone is not enough communication, teamwork, leadership, and analytical skills drive performance and productivity.

Industry Demand & Talent Shortage

- Companies face shortages of skilled, industry-ready professionals both freshers and experienced.
- Technical graduates often have limited industry exposure and inadequate soft skills training.
- Institutes lack competent training partners aligned with industry needs.

Diversifying through GADP

- BOPT(ER) is expanding into General Skill Development through specially designed capsule courses.
- Target participants: final-year engineering students, apprentices, and MSME professionals.

General Attributes Course Module

- Communication Skills
- Attitude Development Skill
- Time Management Skill
- Analytical, Creativity & Innovation Skill
- Multi-Tasking Skill
- Leadership & Team Dynamics Skill

Rozgaar Margdarshan: NATS ke Saath Nayi Disha

Apprenticeship → Skill → Employment

Who Can Join?

- Final Year & Passing-out Students
- Fresh Graduates & Diploma Holders
- Youth seeking industry-ready skill development

Event Highlights

- Industry Expert Talk
- Student Interaction Sessions
- NATS Registration Support
- Career Guidance

Why Join?

- Explore career pathways through hands-on training
- Connect with leading industry representatives
- Enhance employability with real-world experience
- Learn about Government supported Apprenticeship benefits
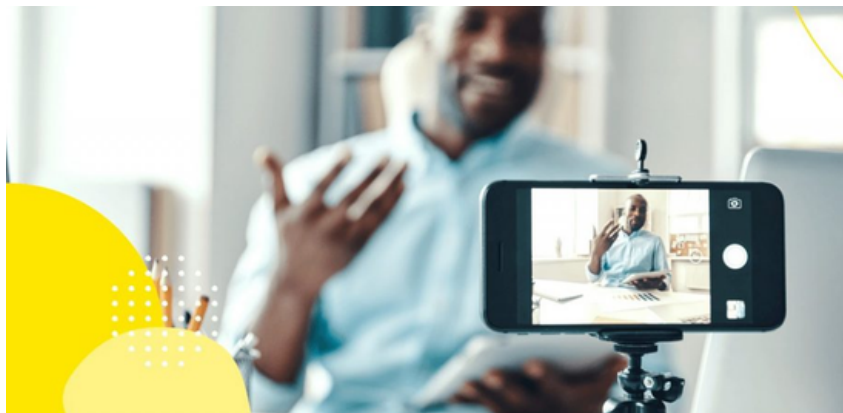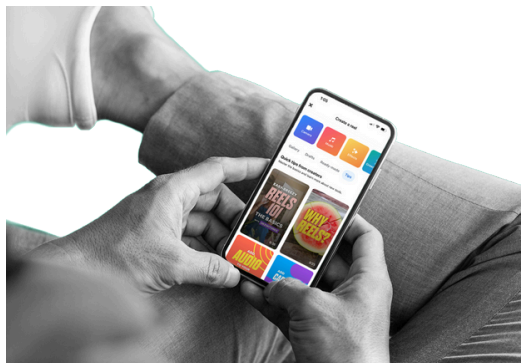
GET INVOLVED. GET SKILLED. GET AHEAD.

FY 2024-25 Highlights

CGP conducted	Online Webinars	Institution Visits	Students Engagement
83	139	538	15703

BOPT(ER) Reelathon

The National Apprenticeship Training Scheme (NATS) is a flagship programme under the Ministry of Education, Government of India, aimed at enhancing the employability of India's youth by providing practical, on-the-job training in the industries.

About Reelathon

- "BOPT(ER) Reelathon" is a creative initiative promoting NATS through short, engaging social media videos or Reels.
- The competition aims to make apprenticeship more relatable and impactful among youth, highlighting real journeys and success stories while expanding NATS awareness through digital and social platforms.

Registration Details

- No participation fee.
- The Competition is open to all age groups.
- Last date to submit: Will be announced soon.

Prizes and Recognition

- The winner(s) will receive a cash prize of Rs. 1,00,000 (One Lakh Rupee only)*
- All Participants will receive Certificate of Participation by BOPT(ER)
- Shortlisted Candidates will be felicitated during Regional Apprenticeship Day

Submission Guidelines

- Participants must create original content (reel/video/short clips) on the NATS themes provided by BOPT(ER).
- Single Individual / group of persons (not more than 3) is allowed to participate.
- Participants are free to choose the language i.e. English, Hindi only.
- The content (reel/video/short clips) must be between 30 seconds to 90 seconds in length.
- Stay tuned for new themes announced every month

To know more visit www.bopter.gov.in