

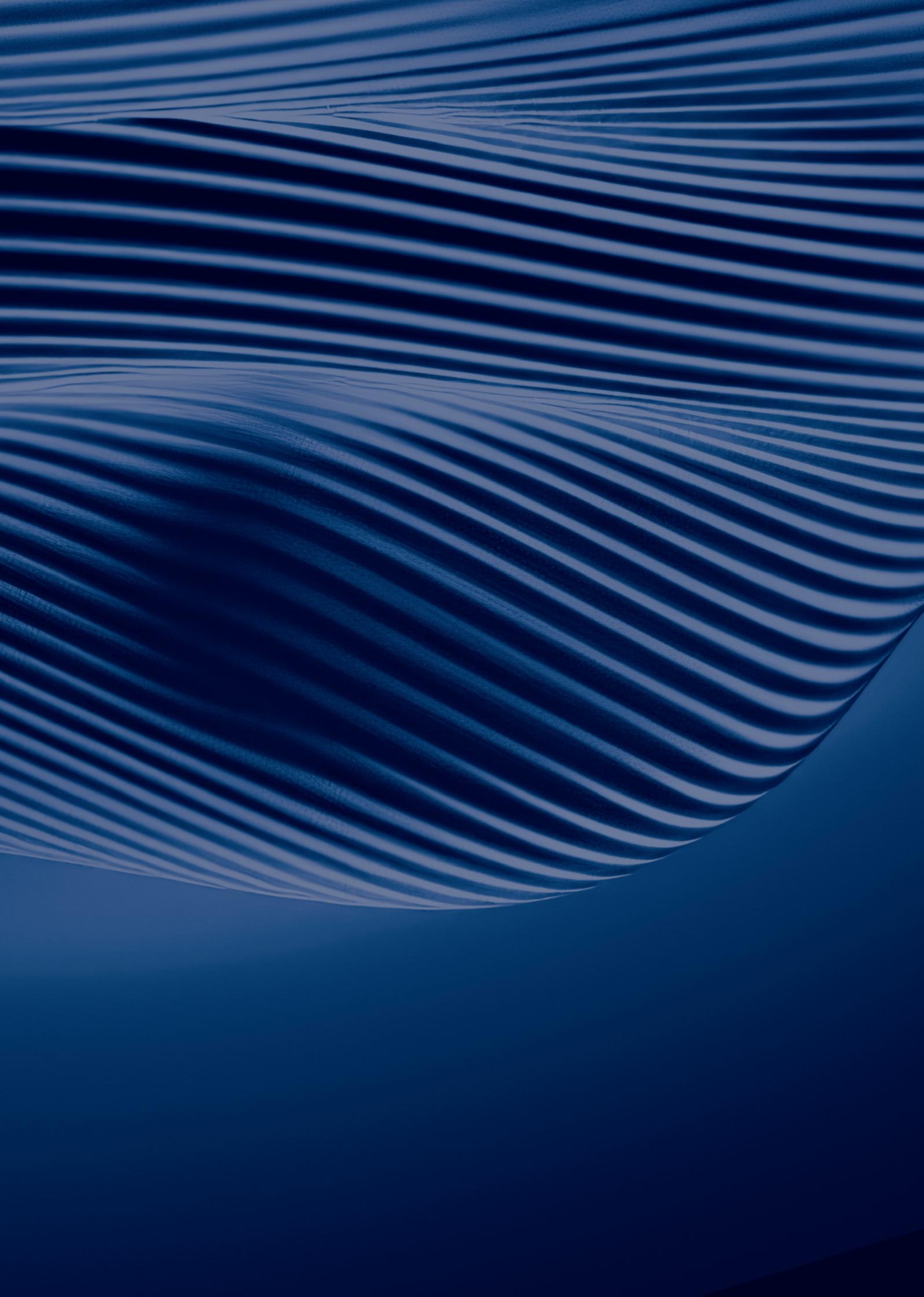
The image shows three people in professional attire standing outdoors in front of a brick building. A man in a light green shirt is holding a laptop and pointing at the screen, while two women, one in a white shirt and glasses and another in a blue blazer, look on. The scene is brightly lit, suggesting daytime.

**NIIT**

India Skills

Gap Report

**2026**



# Table of contents

|   |           |
|---|-----------|
| <b>Summary</b>  | <b>05</b> |
| Executive Summary   | 06        |
| Overview of Insights  | 07        |
| <b>Report Process</b>   | <b>09</b> |
| Objective, Methodology & Sample Design                                | 10        |
| <b>Report Findings</b>  | <b>11</b> |
| <b>Skill Confidence Landscape</b>                                     | <b>12</b> |
| ▪ Confidence Gap  | 12        |
| ▪ Career Readiness  | 16        |
| <b>Hiring &amp; Placement Trends</b>                                  | <b>18</b> |
| ▪ Talent Demand Trends  | 18        |
| ▪ Talent Supply Trends  | 19        |
| ▪ Workforce Mobility  | 20        |
| ▪ AI – Impact, Preparedness and Planning                              | 21        |
| <b>Upskilling Initiatives &amp; Learning Behaviour</b>                | <b>23</b> |
| ▪ Learning Needs  | 23        |
| ▪ Approach to Learning & Development - Talent Supply Side             | 28        |
| ▪ Approach to Learning & Development- Talent Demand Side and Academia | 31        |



# Summary

**Executive Summary and Overview of Insights**

## Executive Summary

### India Skills in Demand Index 2026

India's skills challenge is no longer about whether people hold qualifications. It is about whether they can perform in roles that are changing faster than the systems preparing them. As Artificial Intelligence becomes part of everyday work, the meaning of "job-ready" is being rewritten. Readiness is no longer a milestone reached at graduation; it must now be rebuilt continuously as work itself evolves.

The NIIT Skills in Demand Index, based on perspectives from 3,500 learners, professionals, employers, recruiters, CXOs, and academic leaders, shows that what appear to be small gaps in readiness are no longer closing on their own. They are becoming structural constraints across the talent ecosystem.

### Insights that define India's current skills reality

#### 1. AI literacy is now a basic requirement for confidence at work

Confidence in readiness rises with exposure to real, technology-enabled work. Senior professionals feel prepared. Students do not.

The problem is not awareness; it is application. Academic leaders believe graduates are ready, but far fewer students feel the same. Employers, meanwhile, say talent is available, but rarely without effort.

This gap is not about aspiration. It is about experience, validation, and confidence in using technology in real roles.

#### 2. Mid-career talent has become the system's main bottleneck

Professionals with 6–15 years of experience are the most sought after and the hardest to replace. Employers are hiring earlier to manage this pressure, but this only moves the shortage forward. When progression slows, delivery is the first to suffer. The constraint is no longer hiring. It is capability progression.

#### 3. Ecosystem aligns on digital skills, but fragments on broader job readiness

Digital and data skills are the only shared priority across the talent ecosystem. Beyond this, expectations diverge sharply. Each stakeholder group is building toward a different definition of "ready."

The result is not a skills shortage, but a signalling failure, no one is hiring for the same outcome.

#### 4. Employers now trust proof more than paper

Formal qualifications alone no longer signal readiness. Employers are moving toward evidence of ability including portfolios, certifications, and real-world application.

Candidates are adjusting more slowly. This gap reflects a structural shift in how employability is evaluated: from credentials earned to capability proven.

### Therefore, upskilling is no longer the problem. Access is.

Most people are willing to learn. Most organisations are willing to invest. Time expectations are aligned. What is missing is reach.

Cost, discoverability, and scalable delivery still limit participation, especially for early-career and first-generation learners. In an AI-shaped economy, the constraint is no longer motivation, it is access at scale.

### What this means for the talent system

- Employers must treat skills as a progression challenge, not just a hiring one.
- Institutions must connect learning to real roles, not just curriculum outcomes.
- Learners must build proof of ability, not just proof of completion.

### NIIT's point of view

India does not face a skills shortage.

It faces a readiness and progression failure.

Without AI literacy at scale, this failure shows up first in early- and mid-career roles, where expectations rise faster than support systems can adapt. The assumption that formal education alone ensures relevance no longer holds. NIIT's role is not to add more courses to the system. It is to help the system change how readiness is built, validated, and renewed.

As India moves toward Viksit Bharat, the real question is not whether AI will shape employability. It already has.

The question is who will build readiness fast enough to keep pace.



### Pankaj Jathar

Chief Executive Officer, NIIT Limited

## Overview of Insights

### Talent Supply Readiness & Confidence

- Confidence in job readiness rises with real work experience, and students are clearly missing it. Senior leaders rate their readiness at 82 out of 100, mid-level professionals at 75, and early-career talent at 68. Students, by contrast, score just 57, showing a wide confidence gap at the point of workforce entry.
- That gap is reinforced by conflicting expectations. 51% of academic leaders believe graduates will be employer-ready within three to five years, yet only 35% of students feel very optimistic about their future. Nearly one in four students (24%) say they are unsure. Employers remain cautious as well. While 86% say skilled talent is available, only 49% are very confident in finding it, and 37% say it takes real effort.
- **Inference:** Workforce readiness confidence is strongly shaped by practical experience, yet many students enter the job market with limited exposure to real-world work environments. Without clearer career pathways, earlier and more structured industry engagement, and stronger mechanisms for skills validation, student confidence is likely to remain low even as employers and academic institutions assume graduates are prepared.

### Mid-Career Talent Emerges as the Critical Pressure Point

- Talent with 6-15 years of experience has become both the most in-demand and the hardest to secure, creating a significant constraint on organisational growth. This shortage is reshaping how employers approach hiring, capability building, and long-term workforce planning.
- Hiring data reflects this shift. 46% of employers now recruit a mix of entry-level and experienced talent, while 29% focus primarily on fresh graduates. Only 20% depend exclusively on experienced hires, signaling increased willingness to hire earlier despite experience gaps.
- The imbalance is most evident at mid-career level. This group accounts for the largest share of recruitment at 47% yet is also cited as the scarcest talent pool by 38% of recruiters.
- **Inference:** As availability tightens, employers are responding by hiring earlier, accelerating skill development, and strengthening long-term talent pipelines to sustain growth.

### Workforce Shifts in motion & Work Models

- A growing mismatch between early-career expectations and organisational work models is reshaping talent competition. Hybrid work has become a baseline expectation, yet many organisations continue to operate with office-first assumptions.
- Early career professionals are the most mobile segment, with 87% having interviewed in the past year, far exceeding other cohorts. Despite this, alignment remains weak. While 62% of students prefer hybrid work and 17% favour remote roles, 68% of early-career professionals currently work from the office, and only 49% say this is their preferred model.

- Employer policies remain fragmented. 38% offer fully remote roles and 44% allow remote work selectively. Senior leadership remains the most cautious, with just 11% of CXOs viewing on-site presence as essential.
- **Inference:** As early-career talent becomes more selective, organisations that fail to align work models with expectations risk losing candidates before retention efforts begin.

### Technology Disruption & AI Readiness

- AI is still viewed primarily as an efficiency tool rather than a business-model disruptor, even as adoption accelerates. Around 40% of employers and academic leaders expect a moderate impact over the next three to five years, with roles evolving and some displacement anticipated.
- Perceptions and preparedness remain misaligned. 51% of employers see AI mainly as a driver of cost savings and productivity, yet only 34% of academic leaders report actively integrating AI and digital skills into curricula.
- **Inference:** As AI adoption scales, delayed skill integration and limited mid-career upskilling risk creating capability gaps at the very moment organisations require execution readiness.

### Skills in Demand: Stakeholder Divergence

- Digital and data skills are the only shared priority across the talent ecosystem, ranking in the top three for 30% of both students and employees. Beyond this point, expectations diverge sharply.
- Early career professionals place greater emphasis on remote working skills (20%), reflecting evolving work patterns. Academic leaders continue to prioritise digital capability and innovation, while senior leadership focuses on influence and adaptability. Recruiters, by contrast, emphasise execution-oriented skills such as project management and domain expertise.
- **Inference:** The outcome is a fragmented definition of employability. While digital and data skills provide a rare point of alignment, the absence of broader consensus complicates how readiness is developed, assessed, and hired for.

### Credentials: What Signals Employability

- Employability signals are shifting from formal qualifications to demonstrated capability. As roles become more execution-driven, credentials matter mainly for the skills they prove.
- A portfolio of work is the strongest shared signal, ranked in the top three by 45% of employers and candidates. Beyond this, priorities diverge. Candidates continue to favour traditional markers. 43% value on-the-job experience compared with 32% of employers, while degrees matter to 31% of candidates versus 21% of employers.
- Employers are moving faster toward alternative credentials. 38% value micro-credentials, 28% industry certifications, 24% apprenticeship experience, and 15% bootcamp qualifications.
- **Inference:** The data highlights a clear shift. Employers are redefining credibility around proven skills, while candidates remain more anchored to conventional qualifications.

## Upskilling Behaviour & Barriers

- Upskilling demand has shifted decisively toward digital, flexible, and work-embedded learning. Intent is high, but access has become the primary constraint.
- Online courses are the most preferred format (42%), followed by on-the-job learning (37%) and workshops (35%). Short, practical formats continue to gain traction, with 35% valuing workshops and masterclasses and 33% citing podcasts or YouTube.
- Participation is active. 36% are exploring learning options, while 27% are already enrolled. Time expectations are aligned across stakeholders. 47% of learners are willing to spend two to five hours per week on upskilling, a view shared by 49% of employers and academic leaders.
- **Inference:** The signal is clear. Willingness and time are no longer the barriers. The challenge lies in delivering relevant upskilling at scale within real work constraints.

## The Upskilling Bottleneck Is Access, Not Intent

- Demand for upskilling is strong across career stages, but cost and discoverability continue to limit participation. Time commitment is largely aligned between learners and employers, making access the primary constraint.
- Self-funded learning increases with seniority. 40% of senior leaders pay for their own training, compared with 34% of mid-management and 31% of early-career professionals. Willingness to pay varies sharply. 52% of senior leaders are willing to invest when value is clear, while 42% of students prefer free options or remain undecided.
- The main barriers are practical. 35–40% cite high costs, and around 25% of students and early-career professionals report low awareness of available options.
- **Inference:** The conclusion is clear. Motivation exists, but unless learning is affordable and easy to find, upskilling will not scale.

## Skills Budgets Are Rising, Impact Isn't

- Investment in skills development is increasing, driven by business growth and digital transformation priorities. However, this rise in spending has yet to translate into scaled workforce impact.
- 69% of organisations increased skills budgets last year, with 49% reporting consistent year-on-year growth. Business expansion (59%) and digital transformation (55%) are the primary drivers. Despite this investment, 62% report that learning programmes still reach less than half of their workforce, limiting overall effectiveness.
- This constrained reach is reinforced by current talent strategies. 37% of organisations continue to prioritise external hiring, while only 23% focus primarily on reskilling. A further 38% attempt to balance both approaches, leaving capability development dependent on market availability rather than internal pipelines.
- In response, organisations are beginning to explore partnerships as a path to scale. 40% already work with academic or private providers, and 38% expect EdTech partnerships to grow in importance over the next three to five years. Inclusion is increasingly embedded within these efforts, with 44% integrating diversity and inclusion objectives across programmes.
- **Inference:** Overall, while skills budgets are rising, limited programme reach and a sustained preference for hiring over reskilling continue to constrain impact. Without scalable delivery models and stronger investment in internal capability development, increased spending is unlikely to result in workforce-wide skill gains.

# Report Process

**Objectives, Methodology & Sample Design**

# Objective, Methodology & Sample Design

## The objective of this study is:



To measure perception gaps across students, employees, academia, and employers on skills and readiness



To map emerging trends in India's skill ecosystem

Online survey was done using YouGov's India panel

# 3500

Total respondent base

| Recruiter Experience | CXO / Senior Leadership | Sector Coverage |
|----------------------|-------------------------|-----------------|
| < 1 year — 7%        | < 50 employees — 30%    | IT / ITeS       |
| 1–2 years — 14%      |                         | BFSI            |
| 2–3 years — 13%      | 50–250 employees — 23%  | Manufacturing   |
| 3–5 years — 12%      |                         | E-commerce      |
| 5–8 years — 15%      | 251–1K employees — 26%  | EdTech          |
| 8–10 years — 12%     |                         | Healthcare      |
| 10–15 years — 14%    | > 1K employees — 21%    | Government      |
| 15+ years — 13%      |                         | FMCG            |
|                      |                         | Telecom         |
|                      |                         | Auto            |

## Other Quotas- Each cohort among Students/ Employees

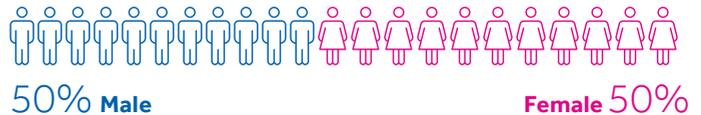
### City Tier

|        |     |   |
|--------|-----|---|
| Tier 1 | 33% | population >= 50L (includes metropolitan cities) - Mumbai, Delhi, Kolkata, Hyderabad, Bangalore, Chennai  |
| Tier 2 | 33% | population between 15L and 50L (this is a list of about 20 cities, mini-metros like Ahmedabad, Lucknow, Pune and other cities like Jaipur, Indore, Bhopal, Kanpur, Nagpur, Vadodara, Surat)           |
| Tier 3 | 33% | urban cities with population < 15L (this includes 150+ cities from across the country, for example, Amritsar from the North, Mangalore from the South, Nashik in West and Bhubaneshwar from the East) |

### Centre

|                        |     |             |     |
|------------------------|-----|-------------|-----|
| North + Central India  | 25% | South India | 25% |
| East/ North-East India | 25% | West India  | 25% |

### Gender



## Target Group

### Students/Employees

# 2800

- Students - 700
- Early Jobbers - 700
- Mid Management Professionals - 700
- Senior Management Professionals - 700

{they respond about themselves unless otherwise asked in this survey}

### Academic heads/Employers

# 700

- Recruiters - 400
  - CXOs/Senior leadership - 200
  - Academia Heads - 100
- {they respond about their organization or employees/students unless otherwise asked in this survey}

## Target group definitions

|           |                           |  |
|-----------|---------------------------|--|
| EMPLOYEES | Students                  | Currently students – College, UG, PG, identify being full time student   |
|           | Early Jobbers             | 18–26 years of age, identifies being full-time working professional or junior, executive resource  |
|           | Mid level professionals   | 3+ years of experience, identify with being mid level professional, middle manager, junior manager, team leader  |
|           | Senior professionals      | Senior manager, Director – 1 level   |
| EMPLOYERS | Recruiters / CHROs        | Decision making in recruitment, a mix of all level of recruiters – mid to senior levels  |
|           | CXOs                      | CXOs from company sizes: up to 200, 200–1000, 1000+, identify being at director level, MD, Chairperson, Partner, Owner, Non-executive director, board-level director, etc. |
|           | Academia / Academia heads | Identify being at director level, MD, Chairperson, Partner, Owner, Non-executive director, board-level director, etc. in Education sector                                  |

# Report Findings

**Skill Confidence Landscape**

**Hiring & Placement Trends**

**Upskilling Initiatives & Learning Behaviour**

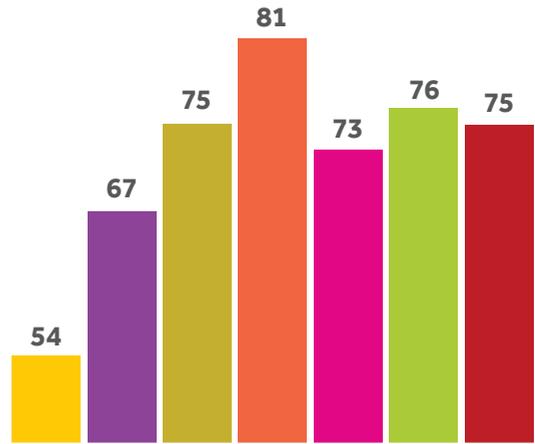
# Skill Confidence Landscape

## Confidence Gap

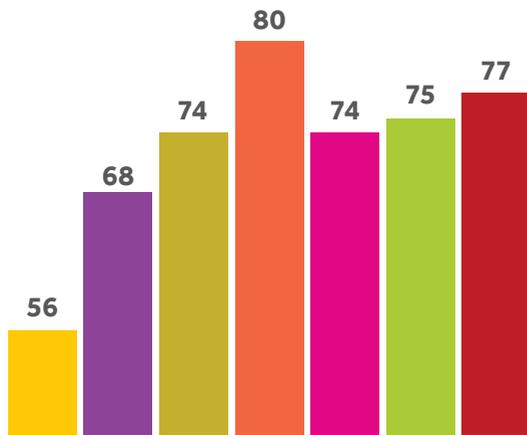
### Technical/Domain Specific Skills

Q. How confident are you in your own / your students' / your employees' proficiency in the above skills?

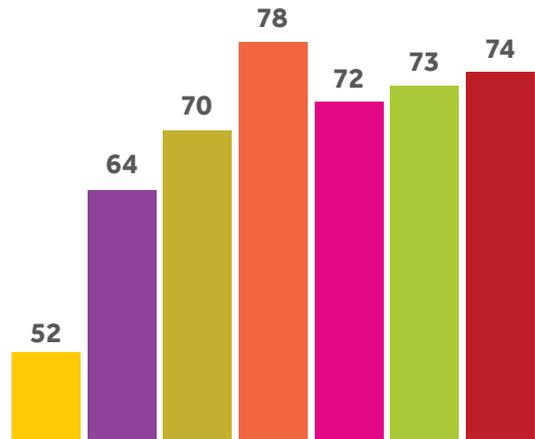
- **Confidence in knowledge of the latest ways of working in their sector increases with experience:** Senior management (80) leads, followed by mid-management (74), early jobbers (68), and students (56).
- **Confidence in workforces operational and project management skills:** Senior leadership scores operational skills at (76), above early jobbers' self-ratings (67) and in line with mid-management (75).
- **Confidence in skills related to tools or software specific to their sector:** Students show the lowest self-confidence with a score at (52), far below academic (72) and recruiter assessments (74).



Operational and project management (e.g. managing teams, timelines, vendors, and resources efficiently)



Knowledge of latest ways of working in my industry (e.g. for some industries- legal/regulatory awareness and compliance, manufacturing processes)



Tools or software in my sector (e.g., for some industries- AutoCAD, SAP, CRM systems etc.)



Student



Early Jobbers



Mid Management



Senior Professionals



Academia Heads



CXO/Senior Leadership



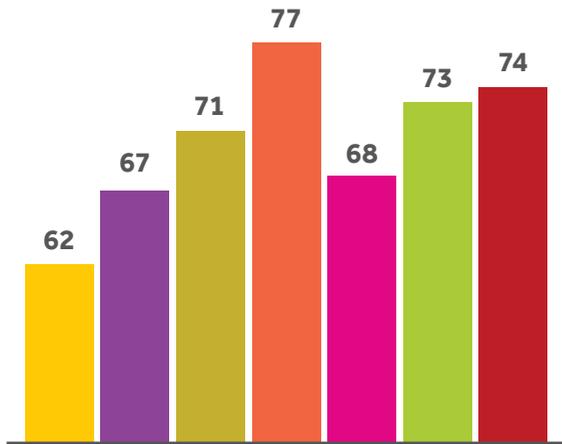
Recruiters

Overall Base-3500

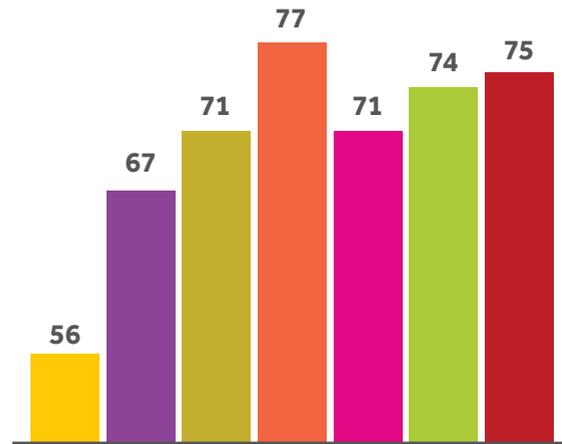
## Digital and Data Skills

Q. How confident are you in your own / your students' / your employees' proficiency in the above skills?

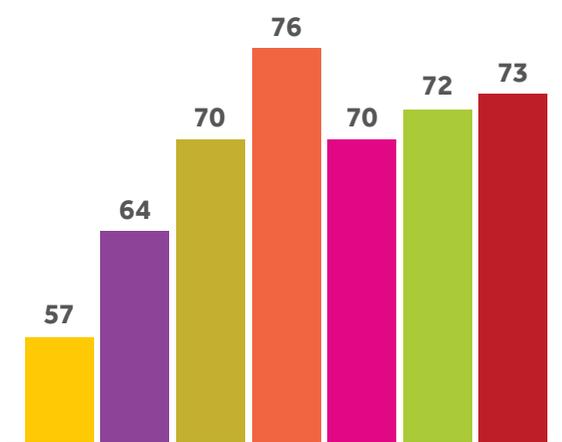
Early jobbers express a higher level of confidence than students on data analysis (67/100 vs 56/100), cybersecurity basics (64/100 vs 57/100) and cloud tools (66/100 vs 56/100) but may be more comparable in confidence on AI literacy today (67/100 vs 62/100)



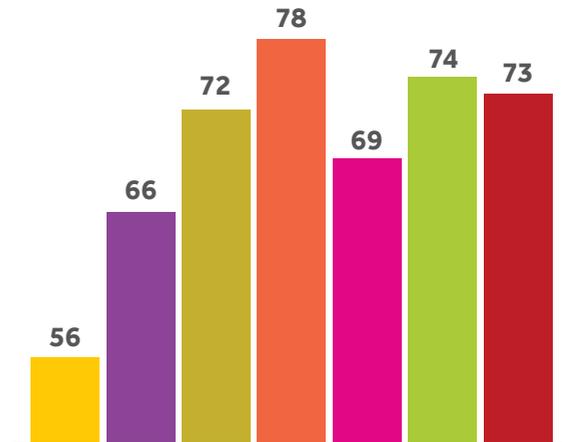
AI literacy (Basic understanding of Artificial Intelligence concepts)



Data analysis (Excel, SQL, Python, etc.)



Cybersecurity basics (password hygiene, phishing awareness etc.)



Cloud tools (Google Workspace, Microsoft 365, AWS, etc.)



Student



Early Jobbers



Mid Management



Senior Professionals



Academia Heads



CXO/Senior Leadership

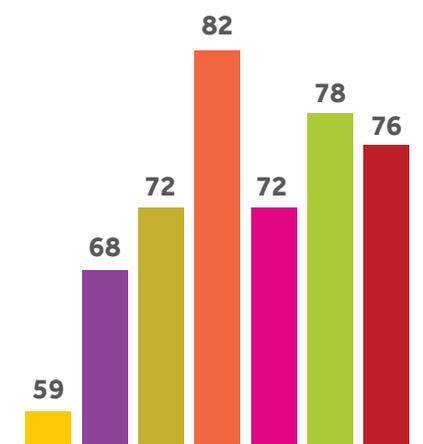


Recruiters

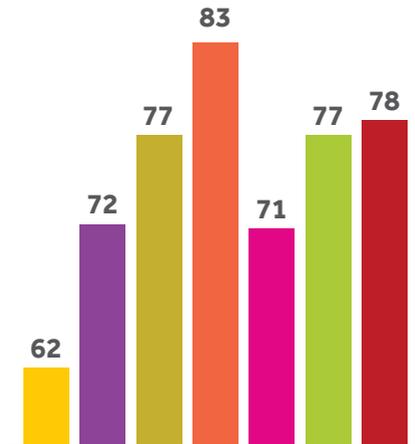
## Entrepreneurial Skills

Q. How confident are you in your own / your students' / your employees' proficiency in the above skills?

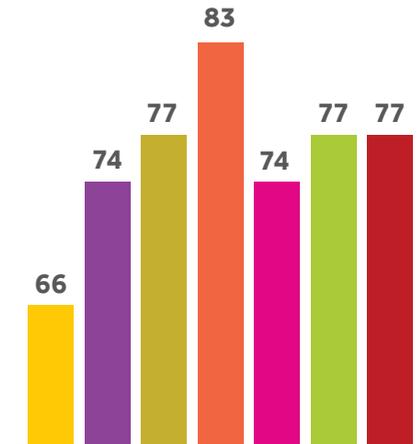
Senior management express higher confidence in their financial literacy (83/100) and Strategic thinking (83/100) skills than expressed by all other groups.



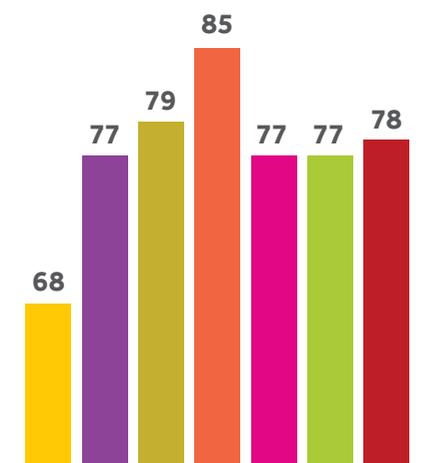
Sales and negotiation



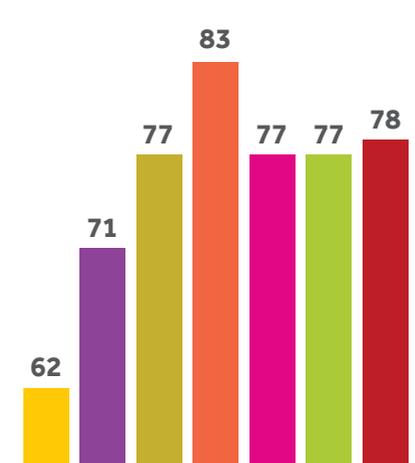
Financial literacy (budgeting, company/team/personal finance)



Strategic thinking and research



Adaptability & continuous learning



Interviewing, hiring and talent management



Student



Early Jobbers



Mid Management



Senior Professionals



Academia Heads



CXO/Senior Leadership



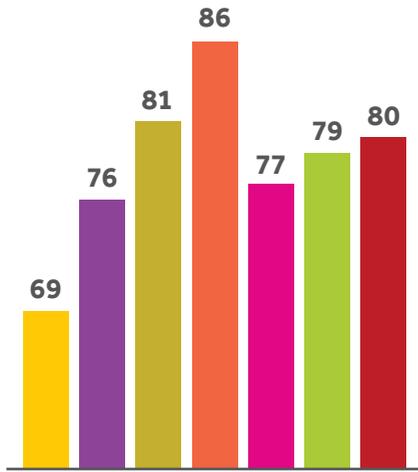
Recruiters

Overall Base-3500

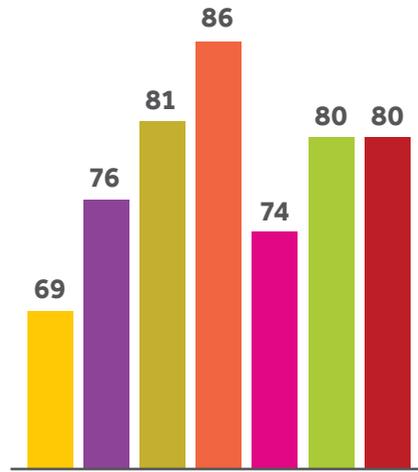
## Power and Influence Skills

Q. How confident are you in your own / your students' / your employees' proficiency in the above skills?

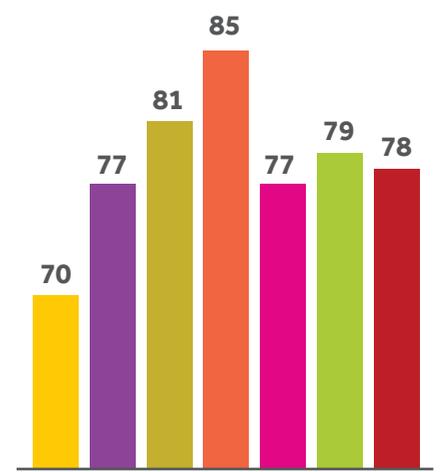
Senior management rate themselves higher in confidence on teamwork and collaboration (86/100), communication (86/100), problem solving (85/100) etc. than the level expressed by the other key groups/cohorts in the hiring/skilling landscape



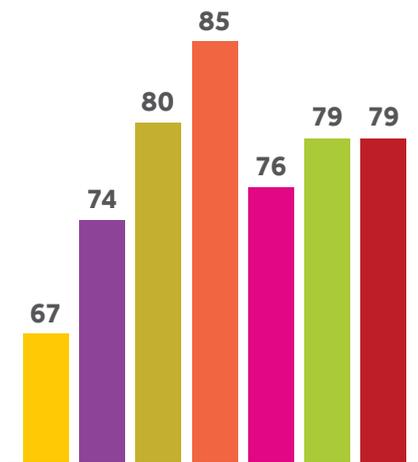
Communication (written, verbal, presentation)



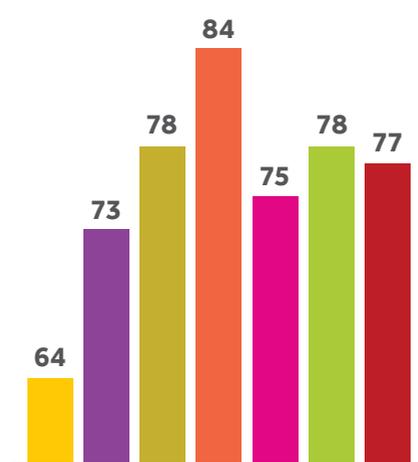
Teamwork and collaboration



Problem-solving and critical thinking



Leadership, Team management and decision-making



Networking and relationship building



Student



Early Jobbers



Mid Management



Senior Professionals



Academia Heads



CXO/Senior Leadership



Recruiters

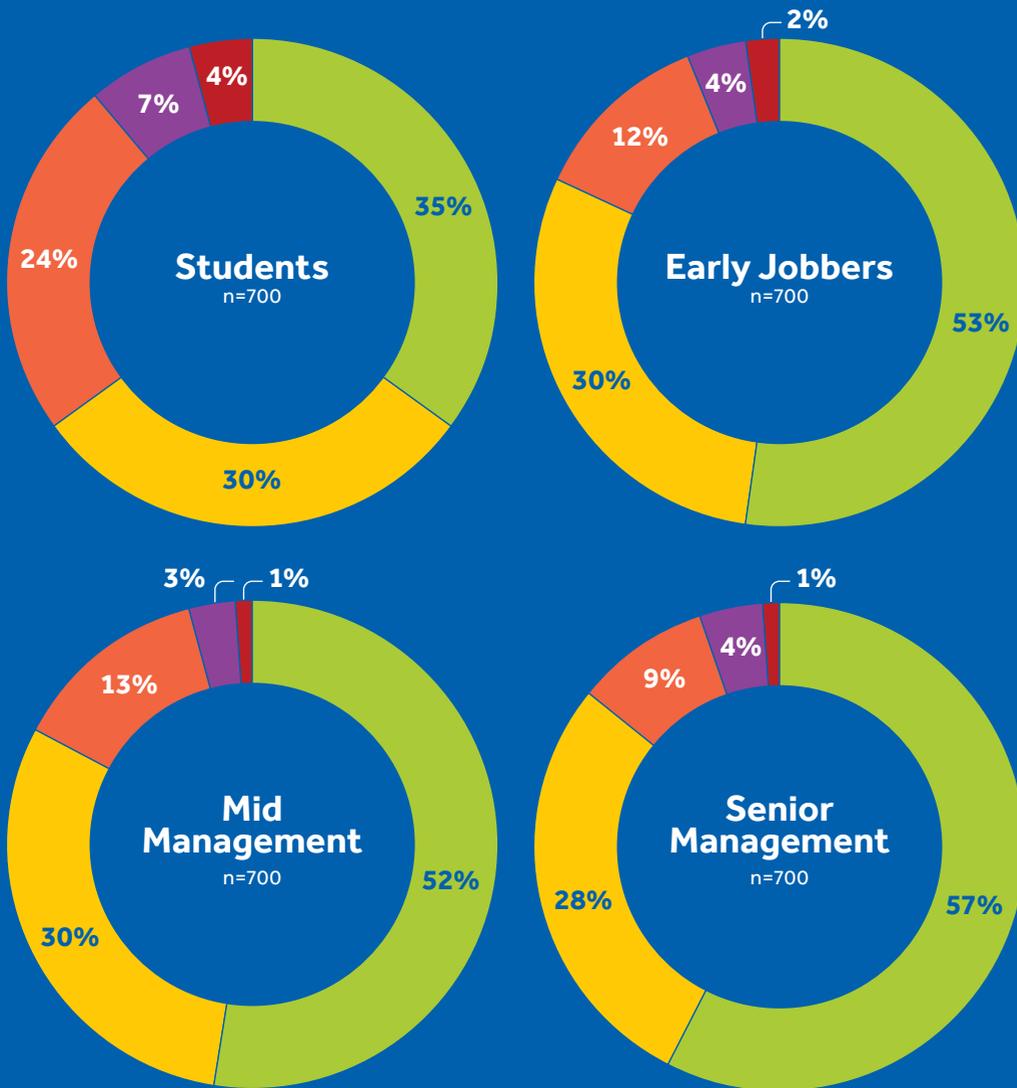
Overall Base-3500

# Career Readiness

## Students and Employees

Q. How optimistic are you about your career growth in the next 3 to 5 years?

- **Students are less optimistic about career growth.** Only 35% are very optimistic about the next 3–5 years, compared with 50% of employed respondents.
- **Students also report lower skill confidence.** Students score 57/100 on readiness for the next career step, while the most experienced cohort scores 82/100.



**Legends**

- Very optimistic**  
I expect significant growth and advancement
- Somewhat optimistic**  
I expect moderate progress in my career
- Neutral**  
I'm unsure about how my career will progress
- Somewhat pessimistic**  
I have concerns about my career growth
- Very pessimistic**  
I don't see much opportunity for growth ahead

### Score on current skill adequacy for next career step out of 100:

Q. How confident are you that your current skills are sufficient for your next career step?

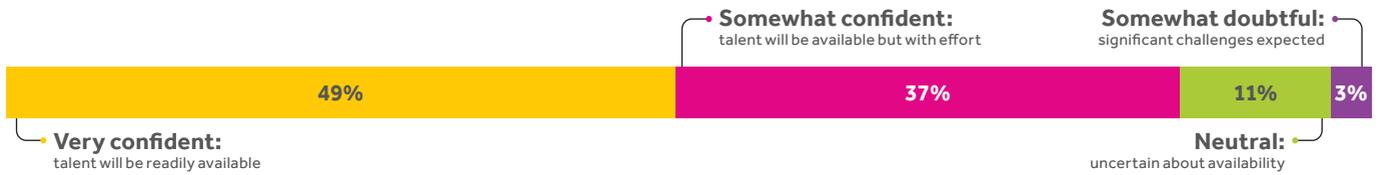


## CXOs/ Senior Leadership and Recruiters

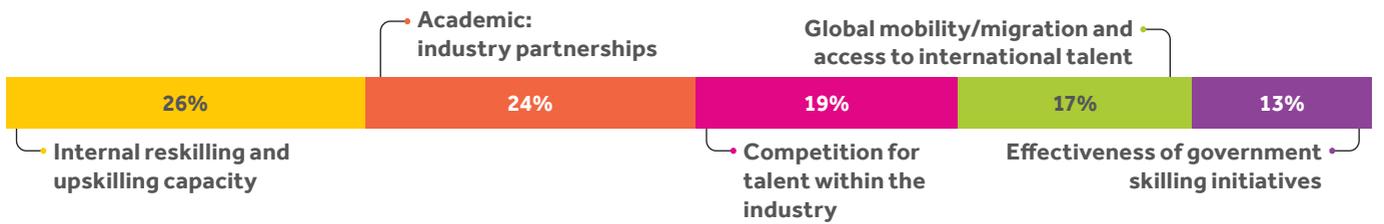
Q. How confident are you that your organization will be able to access the skilled talent it needs over the next 3–5 years, and what factors most influence your confidence level?

- 86% of recruiters, CXOs/Senior leadership are confident about finding good talent in the next 3-5 years- 49% are very confident, the rest express tempered confidence as they think talent will be available, but with effort
- The topmost factor influencing their confidence is internal reskilling and upskilling capacity (26%) followed by academic-industry partnerships (24%)

### Confidence in getting skilled talent (n=600)



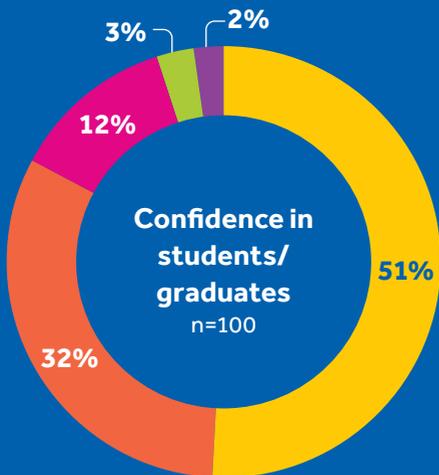
### Reason for confidence in getting skilled talent (n=600)



## Academia Heads

Q. How confident are you that graduates will possess the skills employers demand over the next 3–5 years, and what factors most influence your confidence level?

- 83% of academia heads are confident about finding good talent in the next 3-5 years
- The topmost factor influencing their confidence is student motivation and adaptability levels (35%) followed by faculty expertise and training (22%)



- Very confident**: graduates are well-prepared
- Somewhat confident**: most graduates will be prepared, with some gaps
- Neutral**: uncertain about alignment with industry needs
- Somewhat doubtful**: significant gaps expected
- Very doubtful**: major misalignment anticipated



- Student motivation and adaptability levels**
- Faculty expertise and training**
- Industry partnerships and internships**
- Alignment of curriculum with industry needs**
- Government/sectoral skilling initiatives**

# Hiring & Placement Trends

## Talent Demand Trends

### Talent Level-Wise Demand

Q. Of your annual hires, what proportion are entry-level vs. experienced? Among experienced candidates, which level does your organization primarily hire?

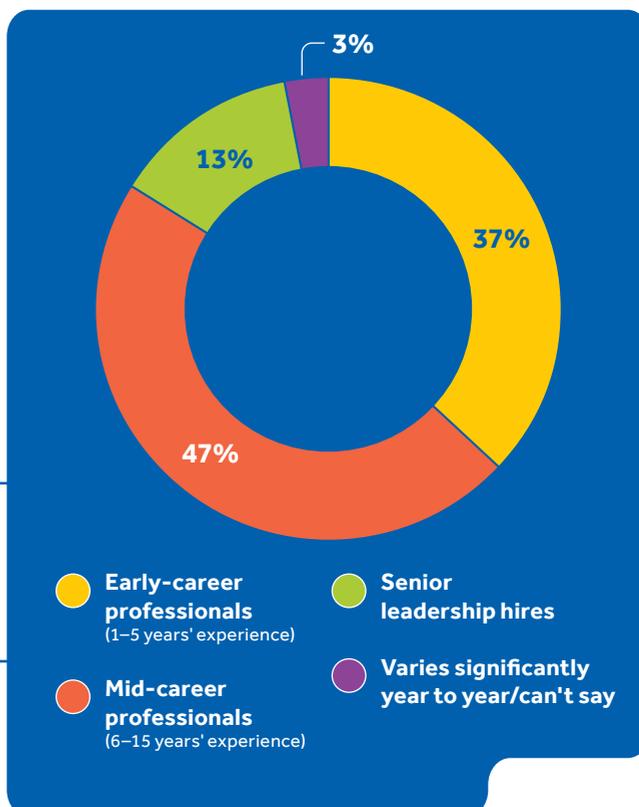
- **Hiring favours balance.** 46% hire a mix of entry-level and experienced talent; 29% prioritise entry-level vs 20% lateral hires.
- **Mid-career leads demand.** 6–15 years experience is most recruited (47%), followed by early-career (37%).

Mostly entry-level- fresh graduates/ campus hires **29%**

Balanced entry/ experienced hires **46%**

Mostly experienced/ lateral hires **20%**

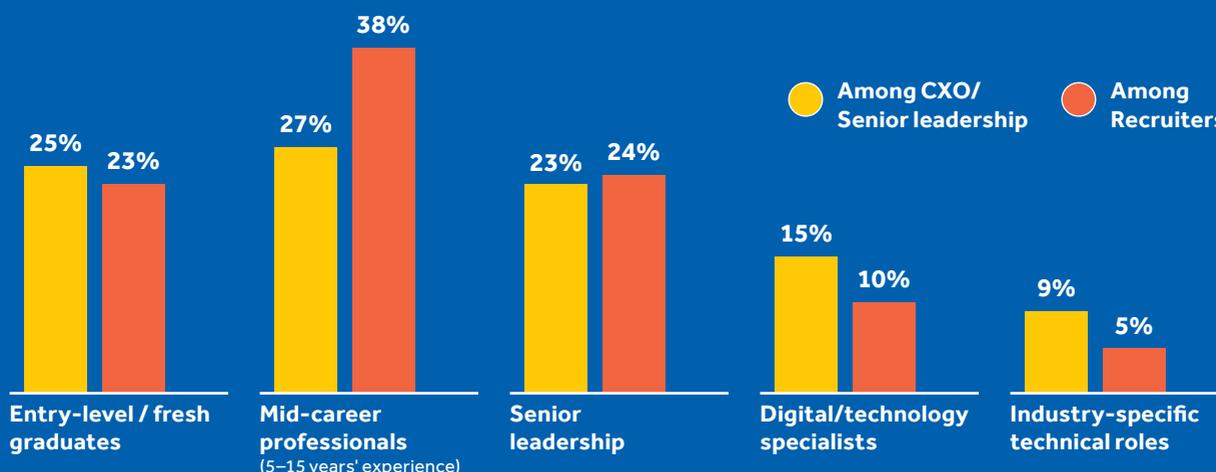
Varies significantly year to year/can't say **4%**



### Talent Shortage

Q. Which talent segments do you expect to face the greatest shortages in?

Mid-career professionals however is also mentioned more often as the segment with the highest shortage by recruiters (38% mention it as the segment with the highest shortage) than among CXO/senior leaders (27% mention it as the segment with the highest shortage)



# Talent Supply Trends

## Interviewing Patterns Among Potential Recruitess

Q. How many job interviews have you attended in the last 12 months?

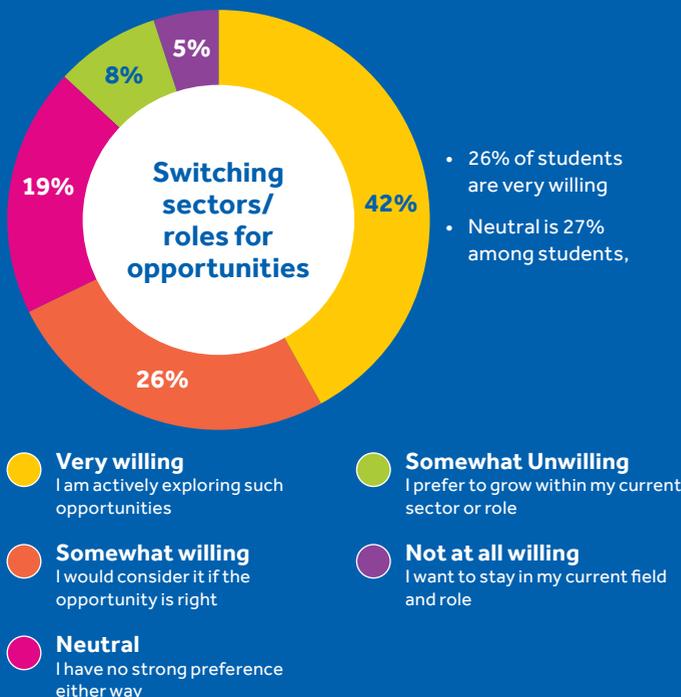
Giving multiple job interviews most common among early jobbers with 12% mentioning they gave more than 10 interviews in the last year. 32% of mid-management and 31% of senior management mentioned they did not attend any interviews in the last 1 year.

| No. of interviews | Students | Early Jobbers | Mid Management | Senior Management | No. of interviews | Students | Early Jobbers | Mid Management | Senior Management |
|-------------------|----------|---------------|----------------|-------------------|-------------------|----------|---------------|----------------|-------------------|
| None              | 43%      | 17%           | 32%            | 31%               | 6                 | 4%       | 6%            | 3%             | 6%                |
| 1                 | 9%       | 9%            | 7%             | 7%                | 7                 | 3%       | 5%            | 3%             | 4%                |
| 2                 | 10%      | 12%           | 13%            | 12%               | 8                 | 3%       | 4%            | 6%             | 6%                |
| 3                 | 8%       | 12%           | 11%            | 7%                | 9                 | 2%       | 3%            | 3%             | 4%                |
| 4                 | 8%       | 11%           | 6%             | 6%                | 10                | 2%       | 4%            | 3%             | 4%                |
| 5                 | 4%       | 6%            | 6%             | 7%                | more than 10      | 4%       | 12%           | 7%             | 7%                |

## Openness to Change Among Potential Recruitess

Q. How willing are you to switch sectors or roles for better growth opportunities? How open are you to relocating for better job opportunities, including opportunities outside India?

- 40% are very willing to switch sectors; openness is lower among students (26%), with 27% undecided.
- 40% are very open to opportunities in other cities or regions, led by senior management (48%). Among those open to relocation, 55% are willing to move abroad permanently.

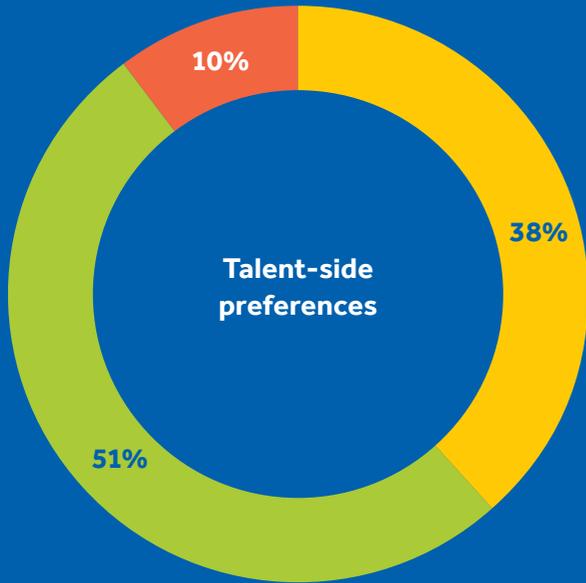


# Workforce Mobility

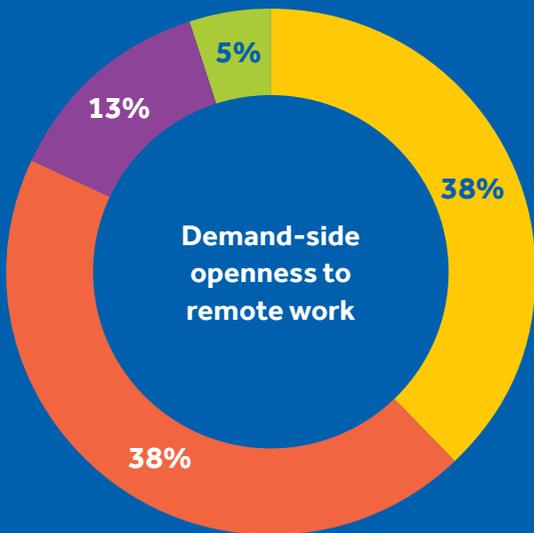
Q. Which of the following is your preferred work mode? To what extent is your organization open to remote work arrangements across roles? To what extent does your organizations leverage gig workers or contract-based talent?

Hybrid/fully remote more popular preferences among students (62% students prefer it most) than other cohorts.

While 2 out of 3 (68%) early jobbers say they currently work onsite rather than hybrid or remote, (49%) mention that working onsite is their most preferred work mode.

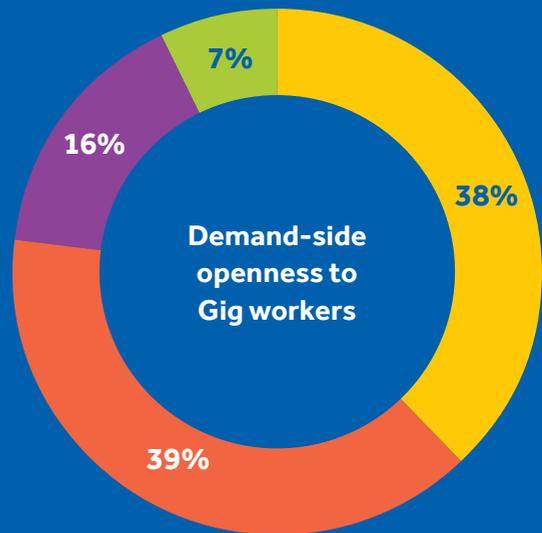


- Prefer Onsite/ Work from Office is 49% among early jobbers
- 68% of early jobbers say they currently work onsite/ work from office- this is higher than 62% among mid-management and 55% among senior management
- Hybrid currently a more popular way of working among Senior management (41%) than middle management (31%) and early jobbers (23%)
- Prefer Hybrid is 62% among students, Prefer Fully remote is 17% among students



No, we require on-site presence is more common (11%) among CXO/senior leadership than recruiters (6%)

- Yes, fully open across most roles
- Yes, selectively for certain roles/functions
- Limited — only in exceptional cases
- No, we require on-site presence



No, we rely exclusively on full-time employees is more common (11%) among CXO/senior leadership than recruiters (6%)

- Yes, actively leveraging gig talent
- Yes, but only for niche/specialized skills
- Limited — occasional use only
- No, we rely exclusively on full-time employees

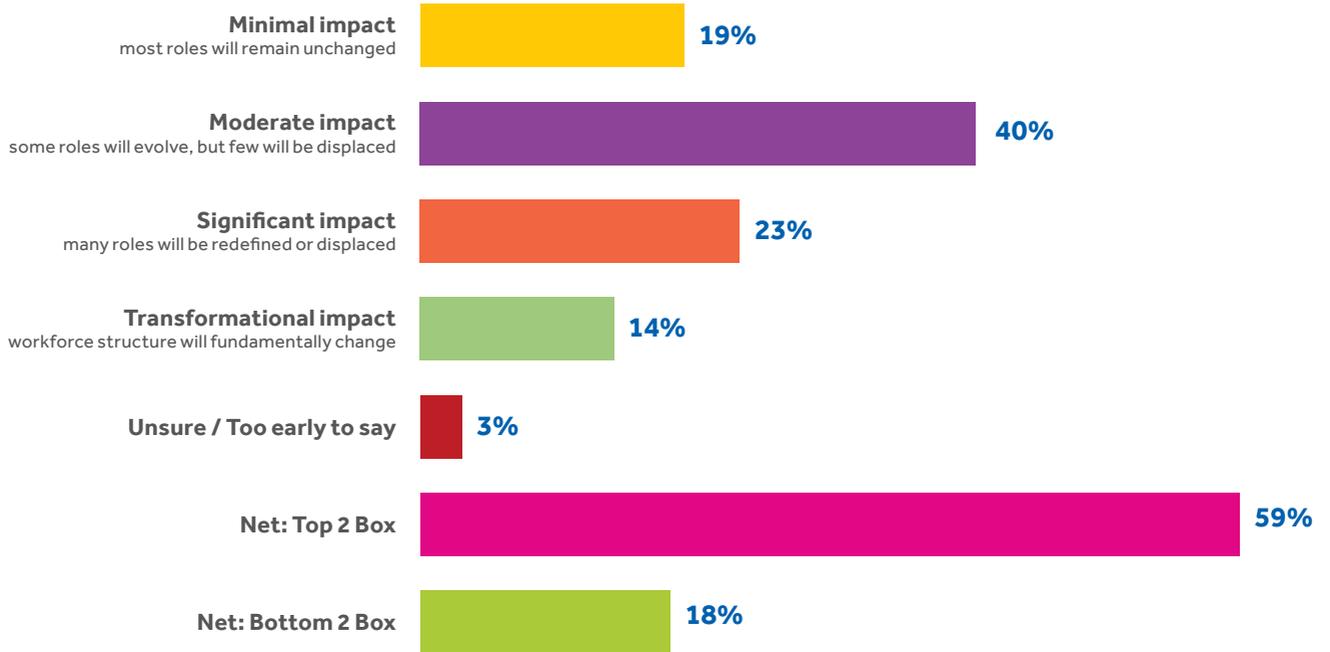
# AI – Impact, Preparedness and Planning

A moderate impact of AI on workforce roles in their organizations/institution over the next 3-5 years is mentioned by 40% of employers/academic heads.

1 in 3 (34%) academic heads mention they have begun preparations to integrate AI/digital skills into the curriculum

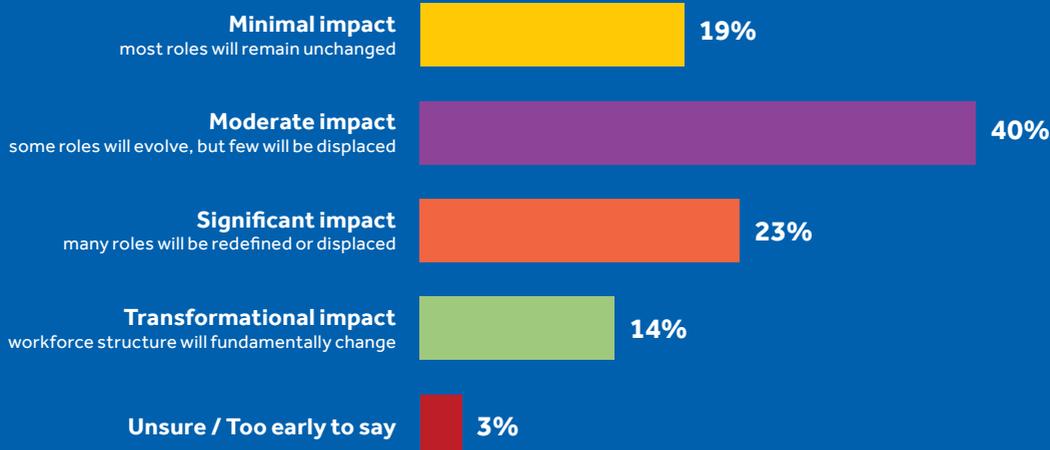
## Impact of AI in recruiting and academic organizations

Q. What level of impact do you anticipate AI and automation will have on workforce roles in your organization/ those your students enter over the next 3–5 years?



## Preparation for AI in Higher Education Organizations

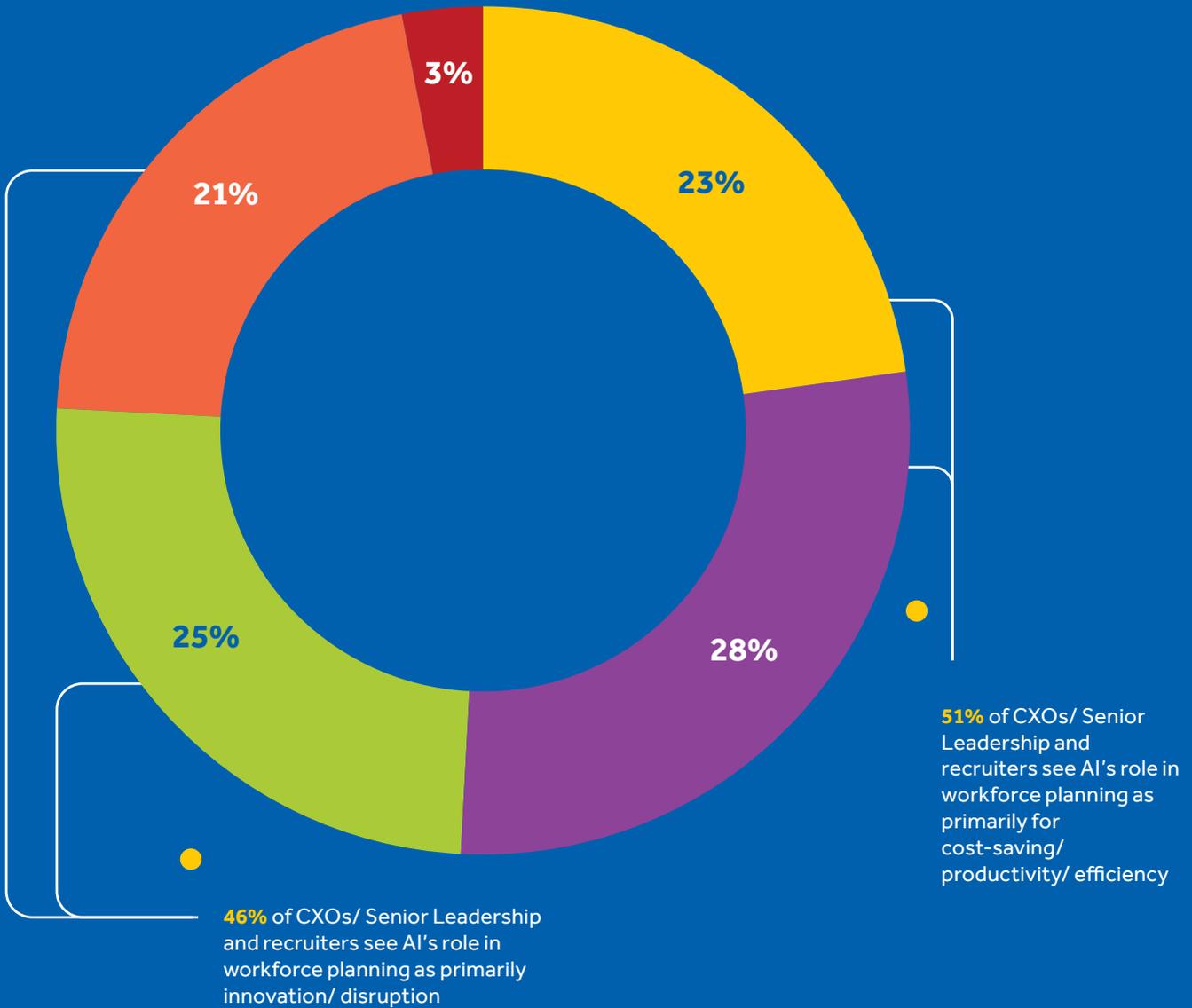
Q. How is your institution preparing students/faculty for the impact of AI/automation?



## AI and Workforce Planning in Recruiting Organizations

Q. How do you view the role of AI/automation in workforce planning?

AI's role in workforce planning is seen as primarily for cost-saving/ productivity/ efficiency by 51% of CXOs/ Senior Leadership and recruiters



● Primarily as a cost-saving tool

● As an enabler of productivity and efficiency

● As an enabler of productivity and efficiency

● As an enabler of productivity and efficiency

● Primarily as a cost-saving tool

# Upskilling Initiatives & Learning Behaviour

## Learning Needs

### Critical Skill Requirements in the Next 3–5 Years (Talent Supply-Side Views)

Q. Which of the following skills do you believe will be most critical in the next 3–5 years? (Student, Early Jobbers, Mid Management, Senior Management)

- **Digital and data skills** rank among the top three priorities across students and employees.
- **Project management and organisational skills** are prioritised more by mid and senior management (**28%**) than by students (**21%**) and early jobbers (**22%**).
- **Remote work and virtual collaboration skills** are cited more frequently by early jobbers (**20%**) than other cohorts.

|  | Student | Early Jobbers | Mid Management | Senior Management |
|--|---------|---------------|----------------|-------------------|
| Digital & Data skills                    | 30%     | 29%           | 33%            | 30%               |
| Technical/Domain-specific skills         | 24%     | 30%           | 26%            | 28%               |
| Power and Influence skills               | 29%     | 25%           | 29%            | 26%               |
| Entrepreneurial & Career skills          | 26%     | 23%           | 20%            | 23%               |
| Green & Sustainability awareness         | 19%     | 18%           | 17%            | 15%               |
| Adaptability & continuous learning       | 28%     | 25%           | 28%            | 23%               |
| Client-facing or customer service skills | 19%     | 23%           | 22%            | 24%               |
| Project management organizational        | 21%     | 22%           | 28%            | 28%               |
| Legal & Regulatory Awareness             | 17%     | 19%           | 18%            | 15%               |
| Cultural Intelligence & DEI Awareness    | 19%     | 20%           | 15%            | 19%               |
| Digital Marketing & Brand Building       | 20%     | 19%           | 22%            | 24%               |
| Innovation & Design Thinking             | 31%     | 25%           | 28%            | 29%               |
| Remote Work & Virtual Collaboration      | 13%     | 20%           | 15%            | 15%               |

## Critical Skill Requirements in the Next 3-5 years (Talent Demand Side Views)

Q. Which of the following skills do you believe will be most critical in the next 3-5 years? (Academic Heads, CXO/Senior Leadership, Recruiters)

Digital and data skills (36% have it in their top 3) and innovation, design thinking (32% have it in their top 3) are among the top skills needed by students as per academia heads in the next 3-5 years

Power and influence skills (29% have it in their top 3) and Adaptability and learning (28% have it in their top 3) are among the top skills needed by employees as per CXO/Senior leadership in the next 3-5 years

Project Management/Organizational skills (30% have it in their top 3) and Technical/domain specific skills (29% have it in their top 3) are among the top skills needed by employees as per recruiters in the next 3-5 years

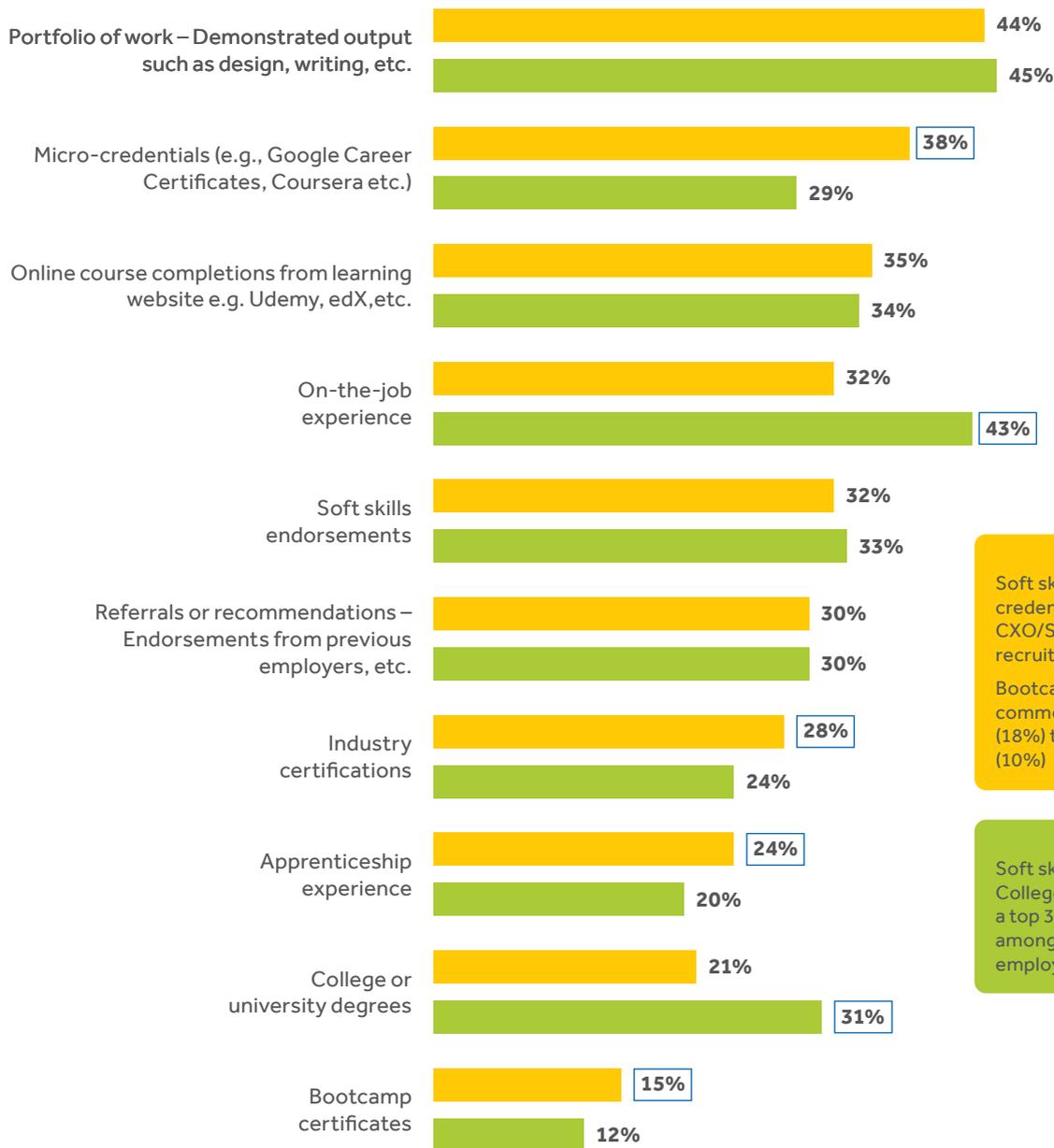
|  | Academic Heads | CXO/Senior Leadership | Recruiters |
|--|----------------|-----------------------|------------|
| Digital & Data skills                    | 36%            | 25%                   | 28%        |
| Technical/Domain-specific skills         | 27%            | 24%                   | 29%        |
| Power and Influence skills               | 26%            | 29%                   | 23%        |
| Entrepreneurial & Career skills          | 26%            | 25%                   | 22%        |
| Green & Sustainability awareness         | 15%            | 21%                   | 15%        |
| Adaptability & continuous learning       | 27%            | 28%                   | 24%        |
| Client-facing or customer service skills | 22%            | 21%                   | 26%        |
| Project management organizational        | 27%            | 22%                   | 30%        |
| Legal & Regulatory Awareness             | 16%            | 20%                   | 19%        |
| Cultural Intelligence & DEI Awareness    | 16%            | 22%                   | 21%        |
| Digital Marketing & Brand Building       | 18%            | 21%                   | 26%        |
| Innovation & Design Thinking             | 32%            | 27%                   | 24%        |
| Remote Work & Virtual Collaboration      | 15%            | 16%                   | 13%        |

## Credentials That Will Matter in the Next 3-5 years

Q. In your opinion, which of the following credentials or qualifications do you (Recruiters, CXO / Senior Leadership) / employers (Employees, Students) value the most when hiring or promoting candidates? Please rank the top three credentials, where Rank 1 indicates the most valuable credential.

Portfolio of work is the most common credential both among employees/students as well as employers- recruiters/CXO/Senior leadership with 45% having it among their top 3 credentials.

On-the-job experience (43% have it in their top 3) and college/university degrees (31% have it in their top 3) considered critical more often by employees/students than by employers (32% have on the job experience in their top 3, 21% have college or university degree in their top 3). On the other hand- micro-credentials, industry certifications, apprenticeship experience, bootcamp certificates are valued more often among employers than employees/students



Soft skill endorsements as a top 3 credential more common among CXO/Senior leadership (41%) than recruiters (28%)

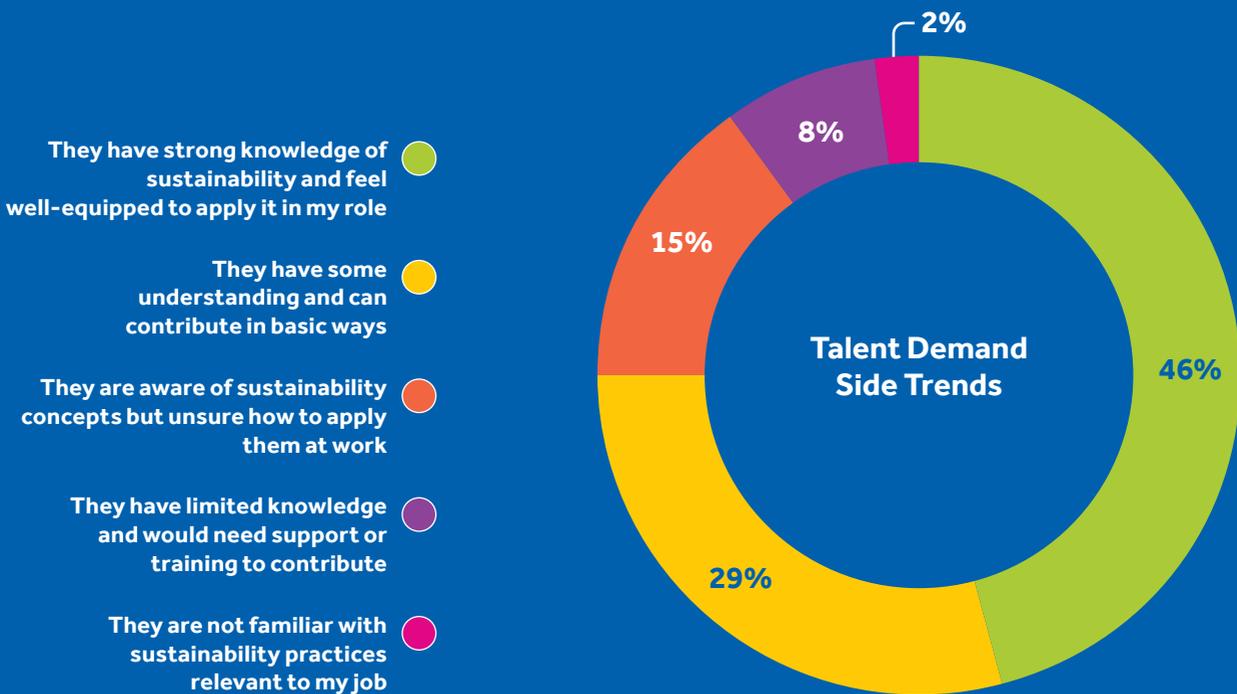
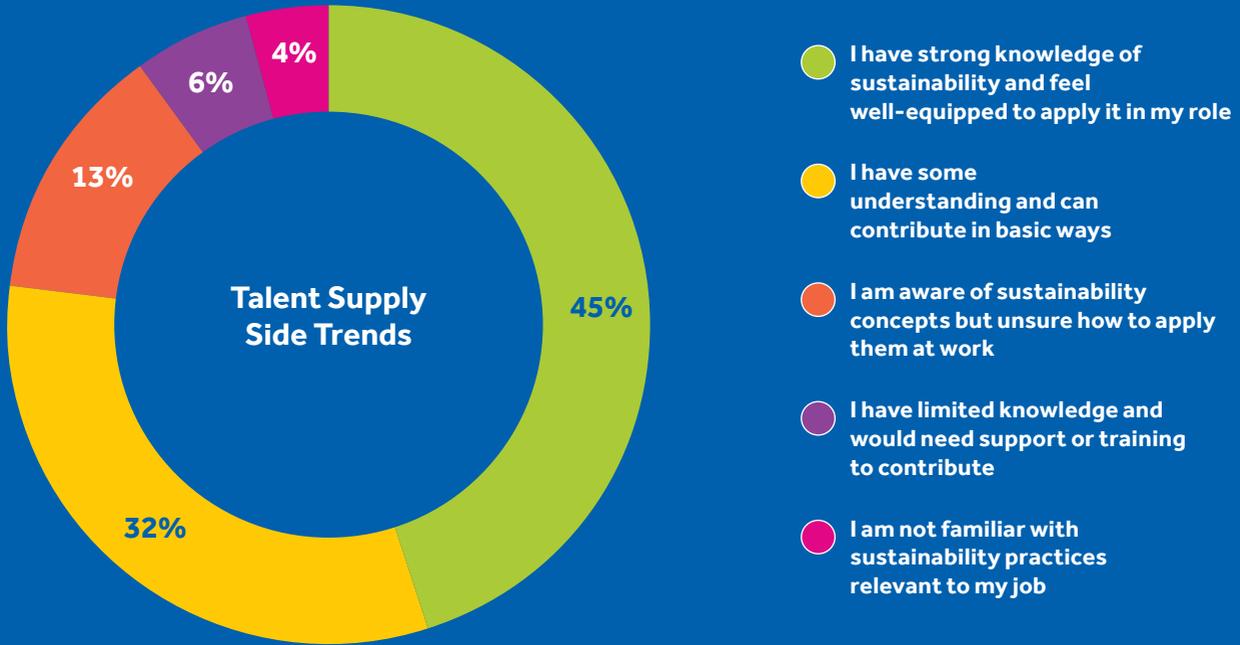
Bootcamp certificates more common top 3 among recruiters (18%) than CXO/Senior leadership (10%)

Soft skill endorsements (39%), College/university degree (38%) as a top 3 credential more common among students than other employee cohorts

● Employers- Recruiters/ CXO & Senior Leadership    ● Employees/ Students    □ Highlights show significantly higher than comparison to other cohort at 95% CI

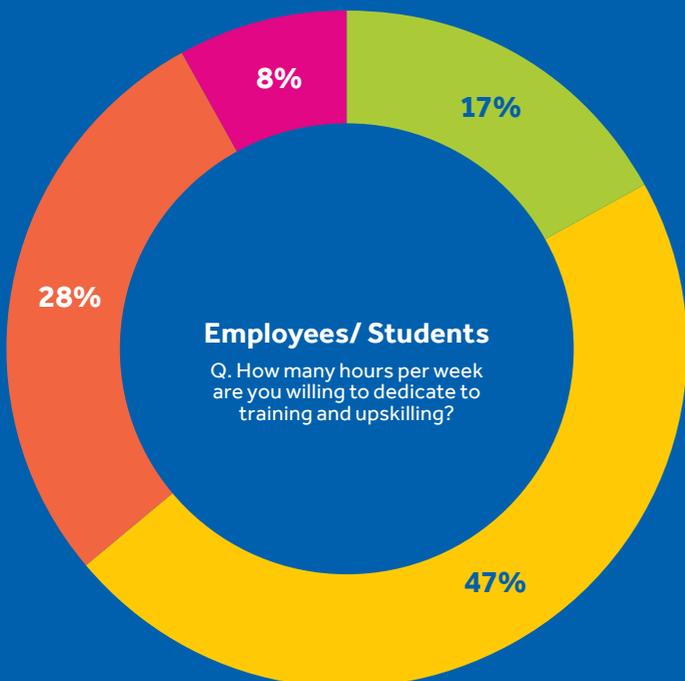
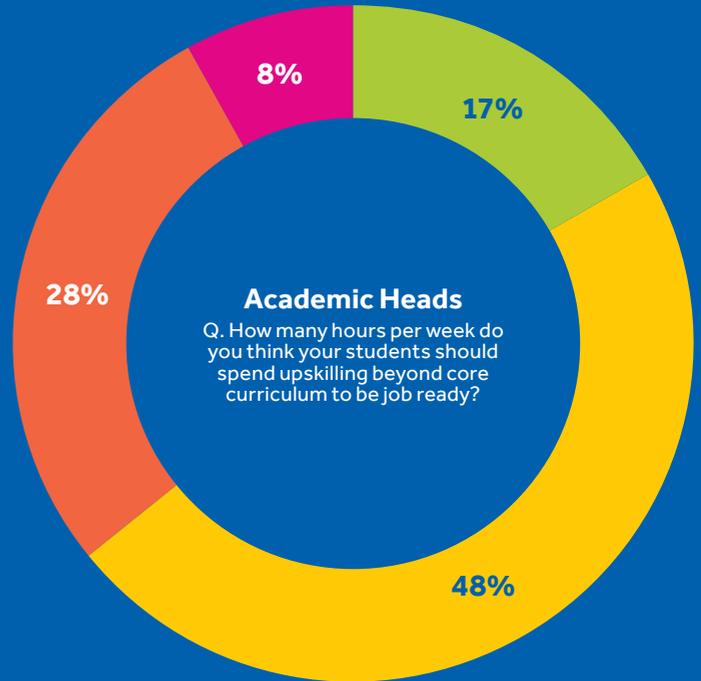
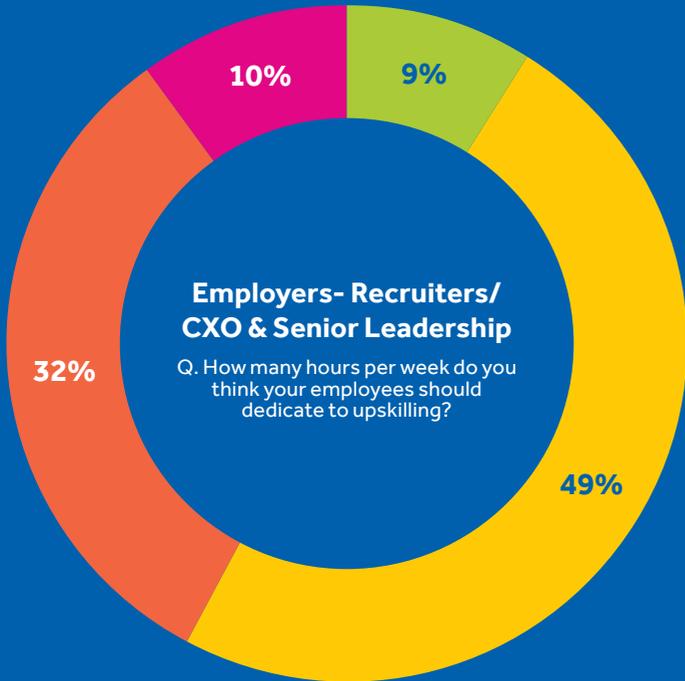
## Understanding of, and Ability to act on, Green Initiatives and Sustainability

Q. How would you rate your (Employees, Students) / your employees' and students' (Recruiters, CXO / Senior Leadership) understanding and ability to act on green initiatives and sustainability practices at work?



## Overview of Time Commitments Towards Upskilling

47% employees/students indicate 2-5 hours per week in upskilling is acceptable- i.e., something they are willing to dedicate to. A similar situation is observed among employers/ academics tp- they think 2-5 hours is as a desirable range of hours for their employees/ students.



Early jobbers more likely to say they are willing to devote less time to learn than other student/employee cohorts- 22% of them say less than 2 hours a week, 53% say 2- 5 hours per week

Senior leadership by contrast likelier to say they are willing to devote more time to learn than other student/employee cohorts- 34% of them say 6-10 hours a week, 13% say more than 10 hours a week



## Approach to Learning & Development - Talent Supply Side

### Types of Upskilling Programmes Used

Q. In the past 12 months, have you taken any formal training or upskilling program? If yes, what was the format of the training or upskilling program you attended?

Employer sponsored training programs more common among Mid-management (43%) and Senior Management (46%) than early jobbers (35%)

Self-funded training programs more common among senior management (40%) than Mid-management (34%) and Early jobbers (31%)  
Offline training sessions more common among students (40%) who have taken part in additional programs/internships than among employees who have taken some training program/internship

|  | Students | Early Jobbers | Mid Management | Senior Management |
|--|----------|---------------|----------------|-------------------|
| Yes, I took a free training program                          | 28%      | 36%           | 36%            | 33%               |
| Yes, I took a self-funded training program                   | 21%      | 31%           | 34%            | 40%               |
| Yes, I participated in an apprenticeship/internship          | 29%      | -             | -              | -                 |
| Yes, I took an employer-sponsored training program           | -        | 35%           | 43%            | 46%               |
| No, I did not take any formal training or upskilling program | 36%      | 14%           | 16%            | 14%               |
| <b>Among those who took part in a program/ internship</b>    |          |               |                |                   |
| Online - Live sessions                                       | 43%      | 57%           | 54%            | 62%               |
| Online - Pre-recorded sessions                               | 40%      | 43%           | 44%            | 44%               |
| Offline / In-person classroom sessions                       | 40%      | 26%           | 32%            | 30%               |
| Hybrid — Combination of online and offline sessions          | 11%      | 10%           | 21%            | 23%               |

Less common than other 3 groups at 95%CI

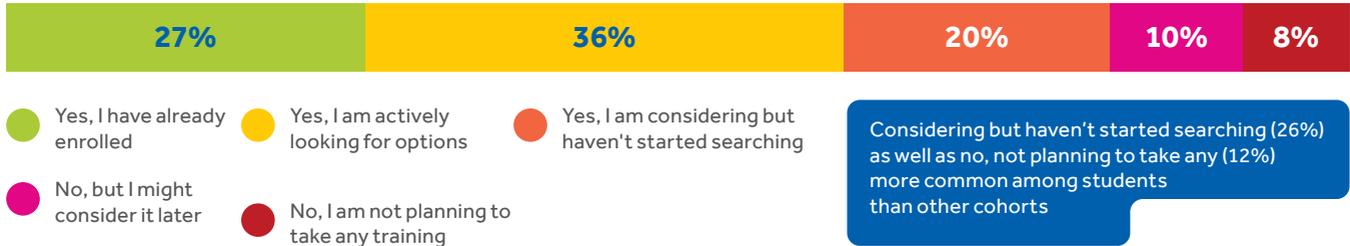
More common than other 3 groups at 95% CI

## Preferred Formats for Upskilling Programmes

The most common type of training formats preferred/considered by employees/students for upskilling or gaining new knowledge are online courses (42%) followed by on-the-job learning (37%), workshops/masterclasses (35%) and podcasts/YouTube (33%) 36% say they are actively looking for learning options and 27% say they are already enrolled in an upskilling course

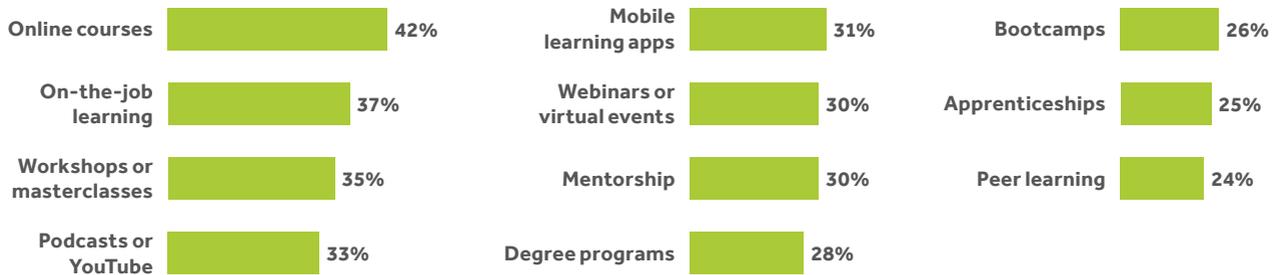
### Formal training- Planning in next 12 months?

Q. Do you plan to take any formal training or upskilling programme in the next 12 months?



### Type of training formats preferred/considered

Q. Which learning formats do you prefer when it comes to upskilling or gaining new knowledge?



Degree programs (32%), Apprenticeships (28%) more popular among students than early jobbers and middle management

Peer learning more popular among senior management (30%) than other student/ employee cohorts

## Access & Awareness Challenges

Q. What challenges or barriers makes it difficult for you to pursue formal training or upskilling?

Clarity/help in identifying formal training programs available/relevant for oneself is a more commonly indicated challenge among students, early jobbers (25%) than among Mid-management (20%) and Senior management (19%)

|  | Students | Early Jobbers | Mid Management | Senior Management |
|--|----------|---------------|----------------|-------------------|
| Training programs are too expensive                                    | 31%      | 29%           | 37%            | 35%               |
| I don't have enough time due to work, studies, or personal commitments | 32%      | 34%           | 33%            | 31%               |
| I'm unsure about the credibility or usefulness of available programs   | 26%      | 25%           | 29%            | 28%               |
| My family or social environment doesn't support it                     | 20%      | 22%           | 23%            | 26%               |
| I don't know what programs are available or relevant to me             | 26%      | 25%           | 20%            | 19%               |
| I'm unsure if I can succeed in a training program                      | 18%      | 20%           | 20%            | 16%               |
| I don't feel motivated or interested in upskilling right now           | 17%      | 18%           | 17%            | 18%               |
| I don't think upskilling is necessary for my current goals             | 13%      | 17%           | 15%            | 15%               |

Less common than other 3 groups at 95%CI

More common than other 3 groups at 95%CI

## Views on Paid Upskilling Programmes

Q. How willing are you to pay for upskilling program, particularly if they offer clear career value?

52% of senior management say they are very willing to actively seek out paid programmes if they offer value. Students may be more inclined to free options than other cohorts

|   | Students | Early Jobbers | Mid Management | Senior Management |
|---|----------|---------------|----------------|-------------------|
| <b>Very willing – I actively seek out paid programmes if they offer value</b>                         | 24%      | 42%           | 45%            | 52%               |
| <b>Somewhat willing – I would consider paying if the programme is high quality or career-relevant</b> | 33%      | 33%           | 33%            | 29%               |
| <b>Neutral – I'm open to both free and paid options</b>   | 28%      | 17%           | 16%            | 13%               |
| <b>Not very willing – I prefer free options unless absolutely necessary</b>                           | 8%       | 5%            | 4%             | 4%                |
| <b>Not at all willing – I only consider free programmes</b>   | 6%       | 3%            | 2%             | 2%                |

Less common than other 3 groups at 95%CI

More common than other 3 groups at 95% CI

Q. What challenges or barriers make it difficult for you to pursue formal training or upskilling?

While fees/cost and lack of awareness of available program are leading barriers faced, language of instruction may be worth addressing for senior management as such issues are mentioned by 30% of them than student/employee cohorts.

|   | Students | Early Jobbers | Mid Management | Senior Management |
|---|----------|---------------|----------------|-------------------|
| <b>Language of instruction (e.g., English-only content)</b> | 18%      | 24%           | 22%            | 30%               |
| <b>High cost / unaffordable fees</b>                        | 41%      | 37%           | 40%            | 38%               |
| <b>Lack of internet or digital device</b>                   | 17%      | 19%           | 19%            | 21%               |
| <b>No nearby training center</b>                            | 24%      | 24%           | 24%            | 23%               |
| <b>Lack of awareness about available programs</b>           | 37%      | 35%           | 37%            | 36%               |
| <b>Family or social restrictions</b>                        | 22%      | 26%           | 27%            | 30%               |
| <b>Recognition of certificate by employers</b>              | 20%      | 25%           | 27%            | 30%               |
| <b>Restrictions due to my gender</b>                        | 15%      | 16%           | 17%            | 18%               |
| <b>Limitations due to the city I live in</b>                | 25%      | 25%           | 31%            | 31%               |

Less common than other 3 groups at 95%CI

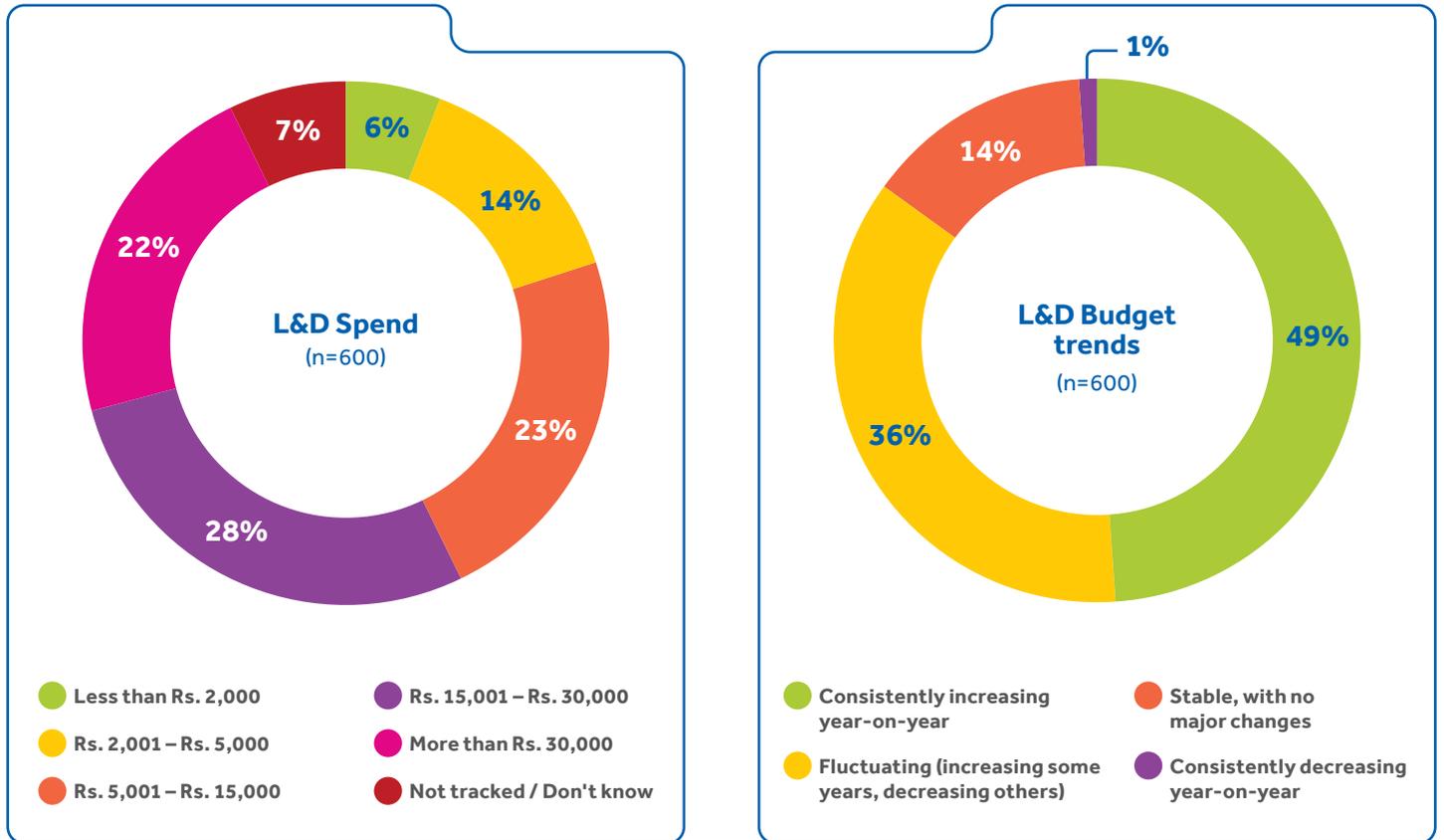
More common than other 3 groups at 95% CI

# Approach to Learning & Development - Talent Demand Side and Academia

## Budget Allocation Trends - Demand Side

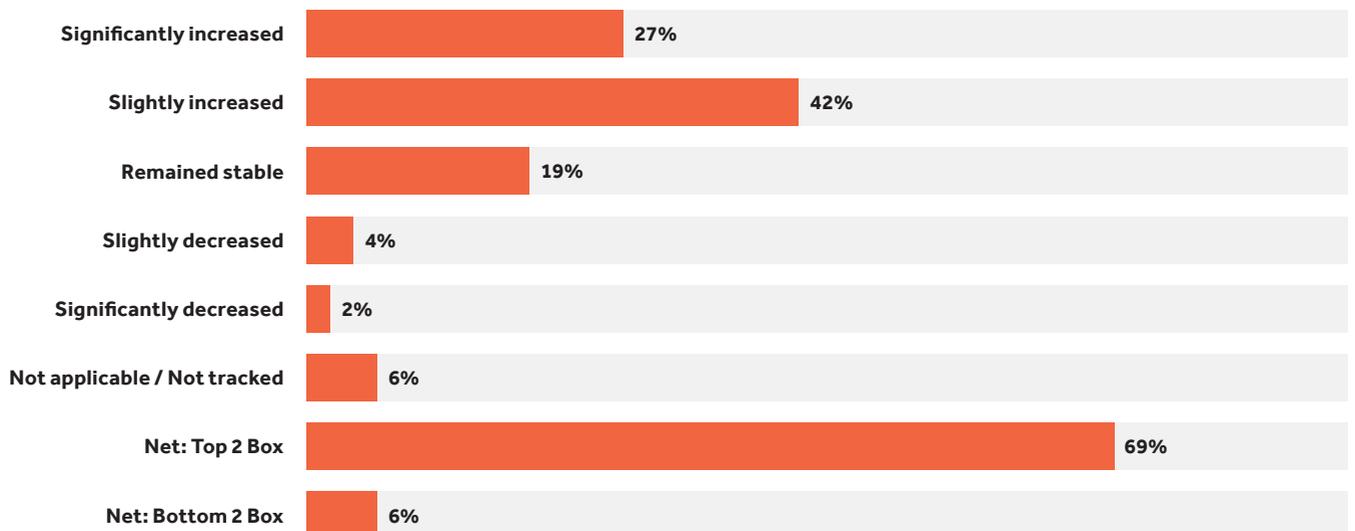
Q. What is your organization's average annual Learning & Development (L&D) spend per employee? How would you describe your organization's investment in L&D per employee compared to last year?

50% of employers mention they spend on average Rs 15K or more per employee. 69% indicate budgets have increased since last year and 49% say the budgets have been consistently increasing YoY



## Type of training formats preferred/considered

Q. How has your organization's L&D budget changed over the past 2–3 years?

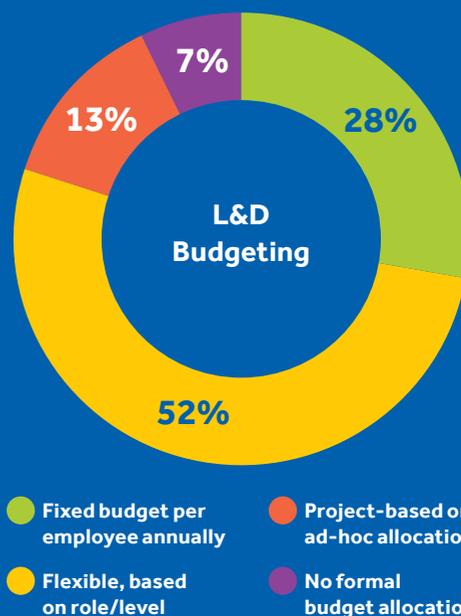
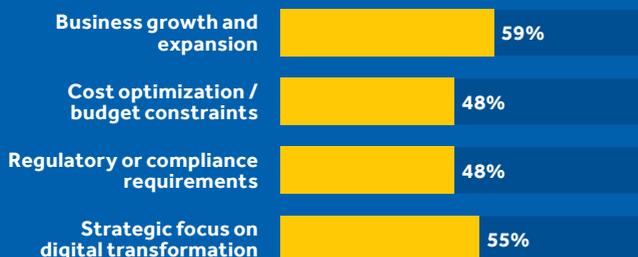


## Budget Allocation Drivers - Demand Side

Q. What are the key drivers of your organization's training and skilling budget allocation?

59% acknowledge business growth and expansion as an influence on the training/skilling budget. Also, 55% acknowledge a strategic focus on digital transformation as an influence. 52% employers say the budget is flexible, varying by role/level

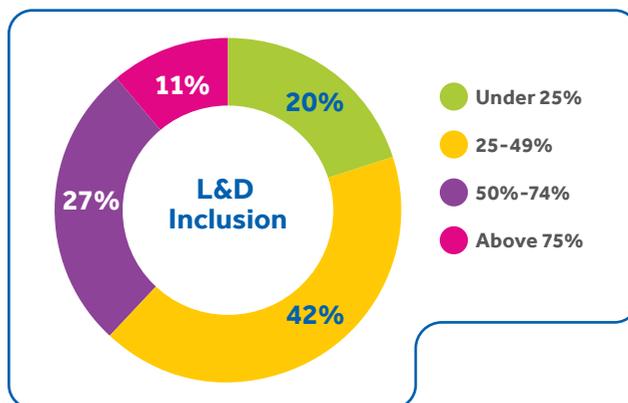
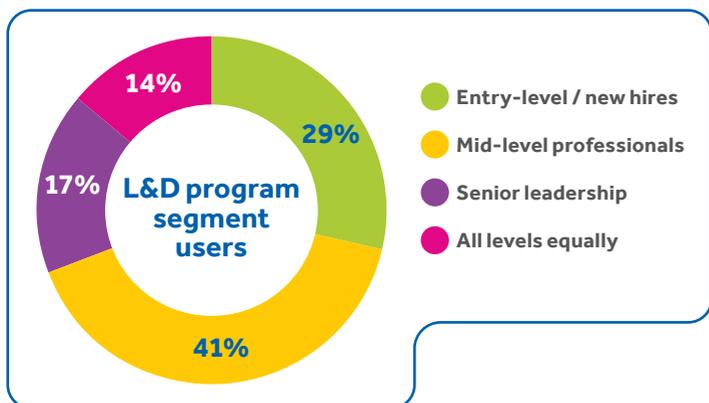
### Influences on L&D Budget



## Profile of L&D Programme Beneficiaries - Demand Side

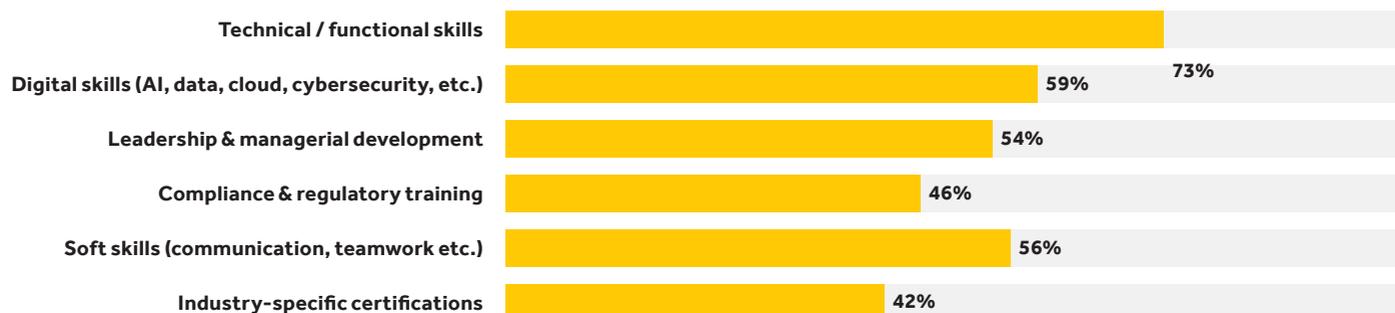
Q. Which employee/faculty segments are most consistently included in L&D programs? What % of employee segments are included in L&D programs?

- **Mid-level professionals** are the primary L&D beneficiaries (**41%**), ahead of entry-level (**29%**) and senior leaders (**17%**).
- **L&D reach is limited.** **62%** of employers cover less than half their workforce.
- **Technical skills dominate.** **73%** focus on technical skills vs **56%** on soft skills.



## Type of training formats preferred/considered

Q. Which types of training does your organization currently provide to employees?



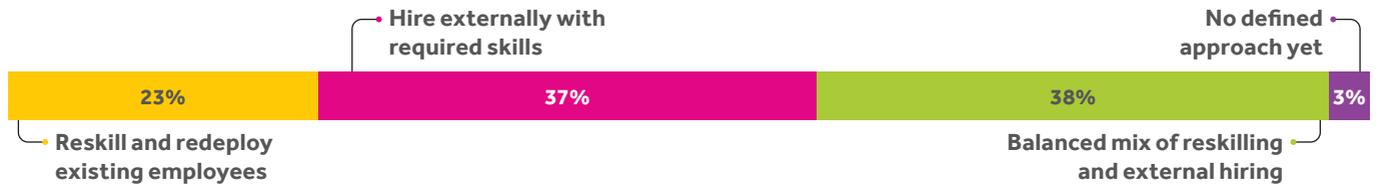
## Primary mode of Administration of L&D / Skilling initiatives – Demand and Academia Side

40% of academic heads say they mostly prepare students for evolving demands via focus on reskilling/upskilling via curriculum updates, 35% encourage external certifications an industry-led programs.

While 38% employers say they balance mix of reskilling and external hiring, 37% employers singularly prioritize hiring externally with required skills while 23% focus singularly on reskilling and redeploy existing employees

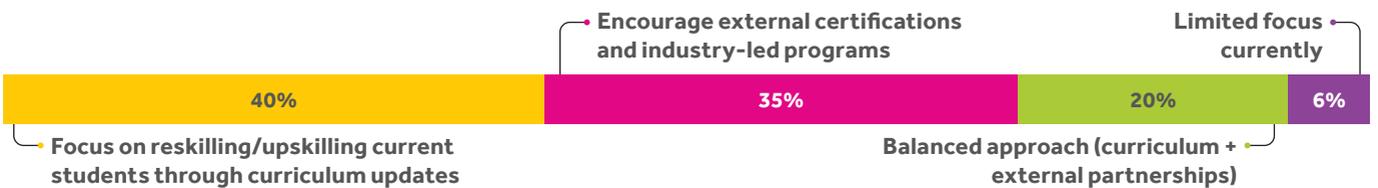
### Primary mode of Administration of L&D initiatives – Demand Side

Q. When facing new skill requirements, what is your organization's primary approach?



### Primary mode of administration of skilling initiatives – Academia Side

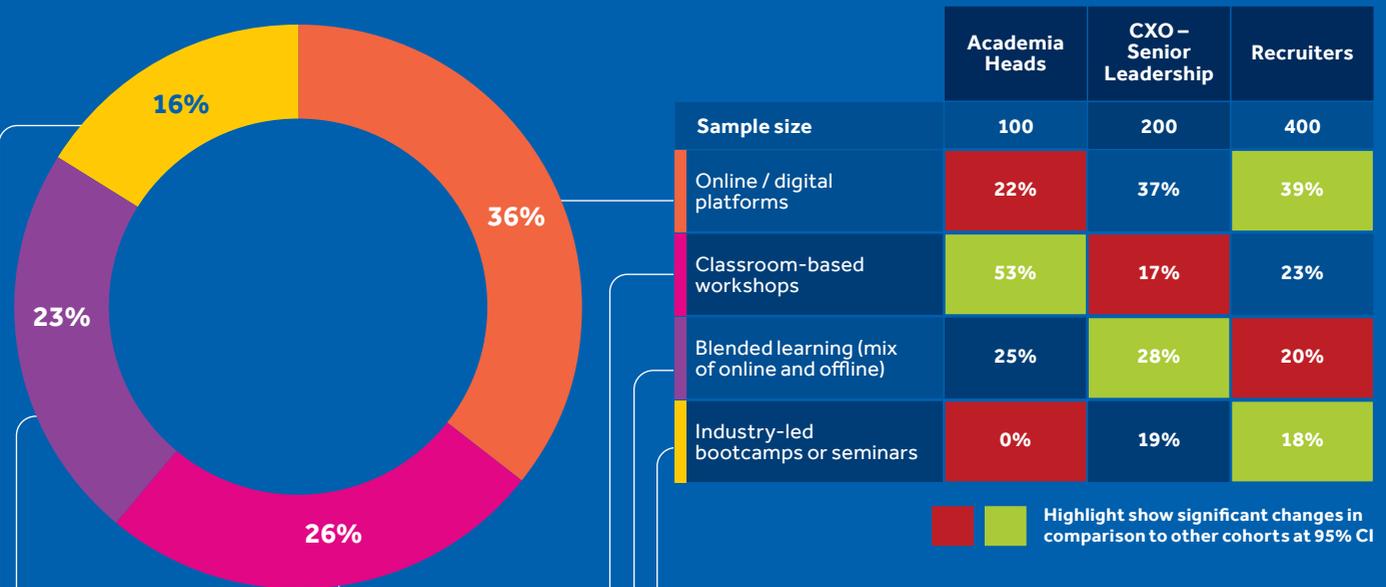
Q. How does your institution prepare students for evolving skill demands in industry?



## Preferred L&D Administration Modes – Demand Side Overview

Q. Which delivery models for training are most used in your institution/organization?

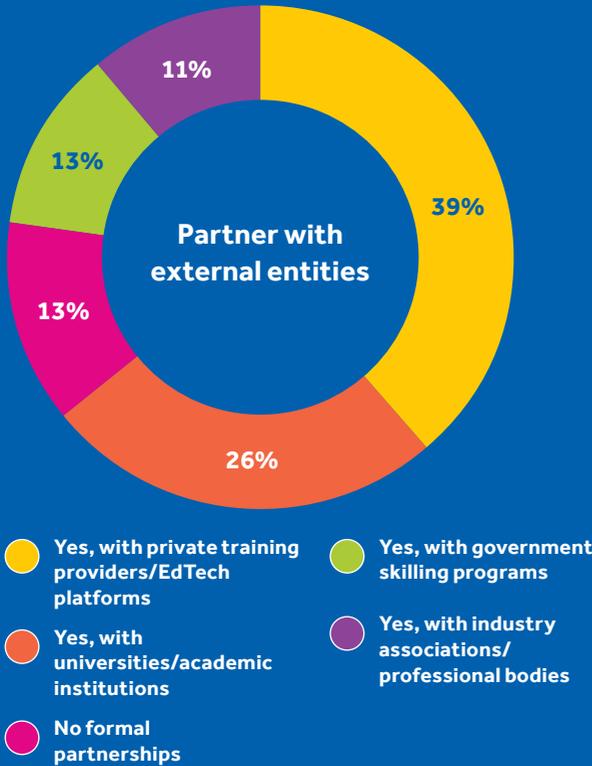
Online/digital platforms notably more popular among recruiters (39%) than Academia (22%) while classroom-based workshops notably popular among Academia heads (53%)



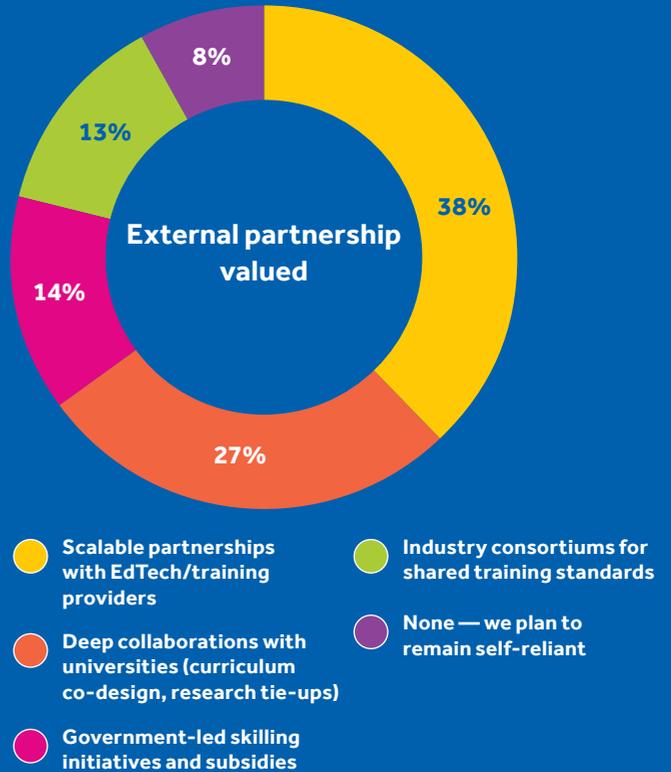
## L&D Service Provider Partnerships – An overview

Private/ academic institutions partnerships are the most popular (40% of employers mention partnering with them). Scalable partnerships with EdTech leads as the kind of partnership which is the most commonly valued in the next 3-5 years (38% of employers). Costing efficiency (38%) and access to cutting edge skills (32%) are among the key benefits sought

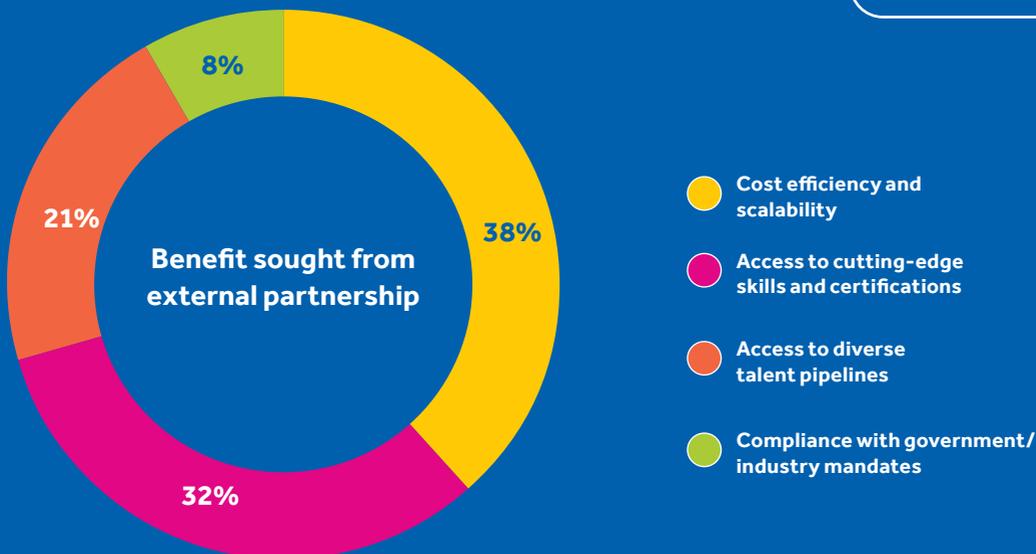
Q. Does your organization currently partner with any external entities for employee skilling and training?



Q. Which type of external partnership will be most valuable for your organization in the next 3-5 years?



Q. What is the primary benefit you seek from external skilling partnerships?



## L&D Service Provider Partnerships – Demand Side Challenges

Q. Which challenge has the most significant impact on your skilling initiatives?

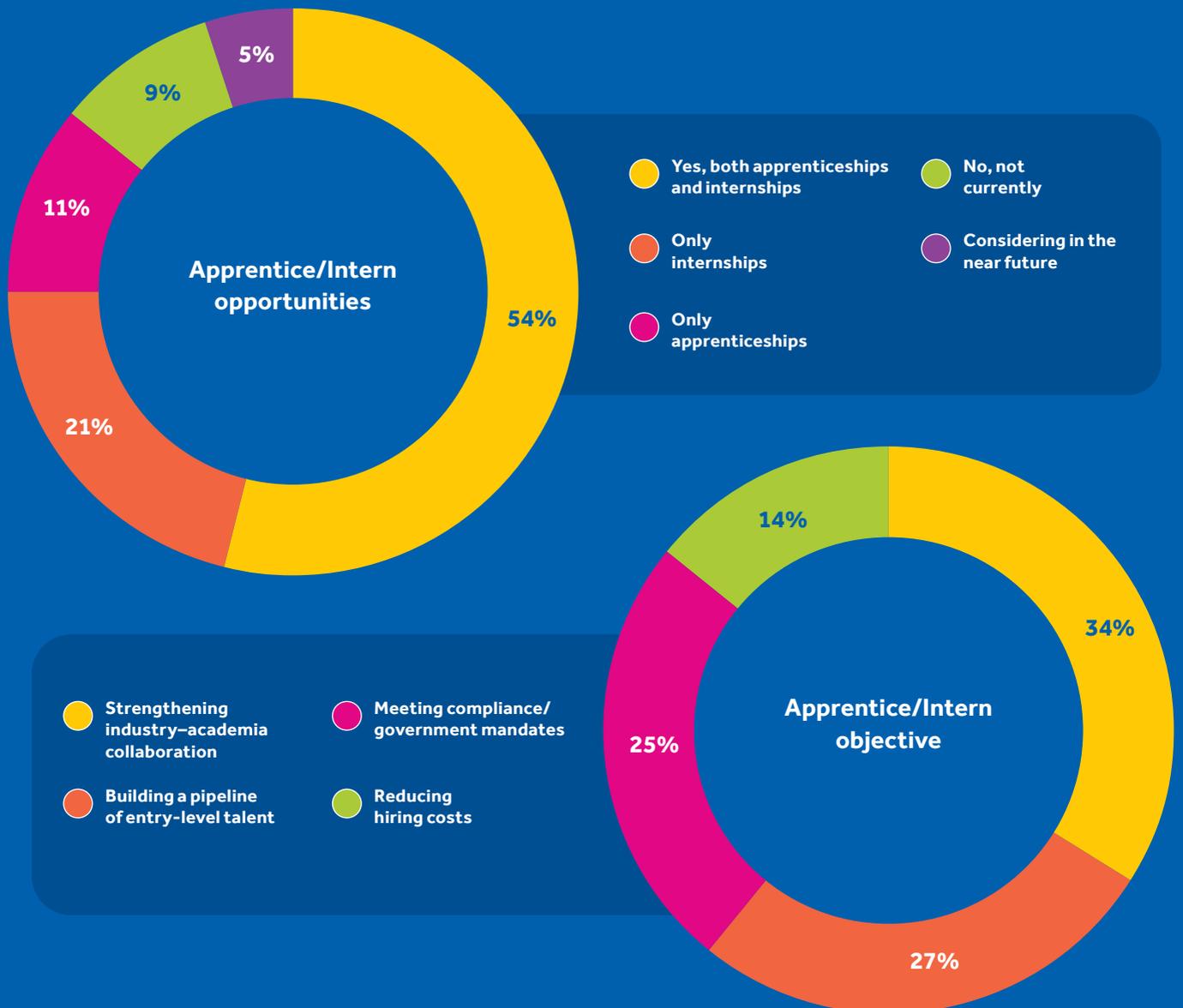
Provider quality is the key aspect with the most significant impact (41%) on skilling initiatives at organizations, ahead of other aspects cost (24%) and retention (22%)



## Internship Programmes – A Demand Side Overview

Q. Does your organization currently offer apprenticeship or internship opportunities? What is the primary objective of your apprenticeship/internship programs?

Beyond partnerships with providers, apprentice/internships are offered by a 54% of employers, with the primary objective among those offering these being strengthening industry-academia collaboration (34%)

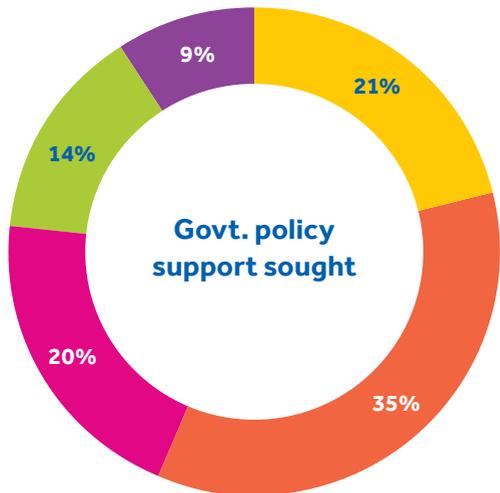


## L&D Funding Mechanisms and Government Linkages – Demand Side

The government support most sought by employers is access to certified training providers and standardized curricula (35%), ahead of funding subsidies/tax incentives for training (21%) and simplified compliance, reporting requirements (20%) etc.

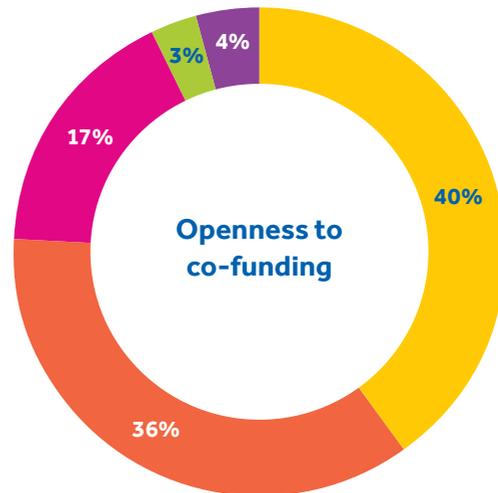
86% are open (or very open) to co-funding- in turn, most of those who are open/very open to co-funding want to do so with just one other partner: either the government or the receiver of training (student/employee), not both

Q. What type of government policy support would most benefit your organization's skilling initiatives?



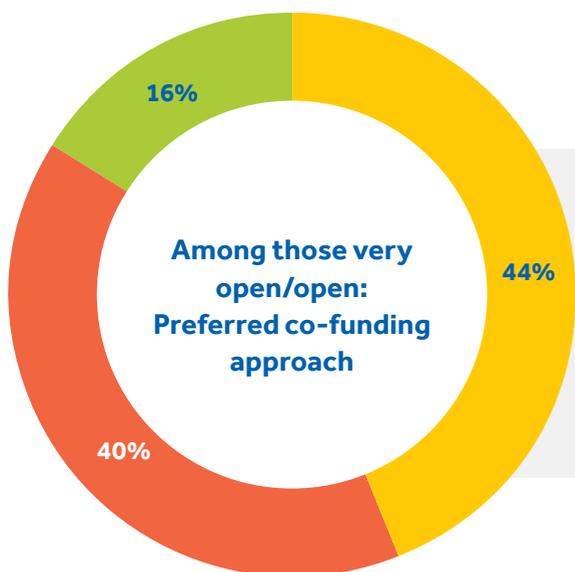
- Funding subsidies or tax incentives for training
- Access to certified training providers and standardized curricula
- Simplified compliance and reporting requirements
- Public-private partnerships for workforce skilling
- Support for apprenticeship/internship programs

Q. How open is your organization to co-funding skilling or training programs in partnership with employees/students or government bodies (e.g., NSDC, NAPS, Skill India, AICTE, etc.)?



- Very open: we actively pursue co-funded models
- Open: we are exploring or selectively participate
- Neutral: depends on the program or cost
- Reluctant: prefer fully funded internal programs
- Not open: we do not want to co-fund training

Q. Which model of co-funding do you prefer?



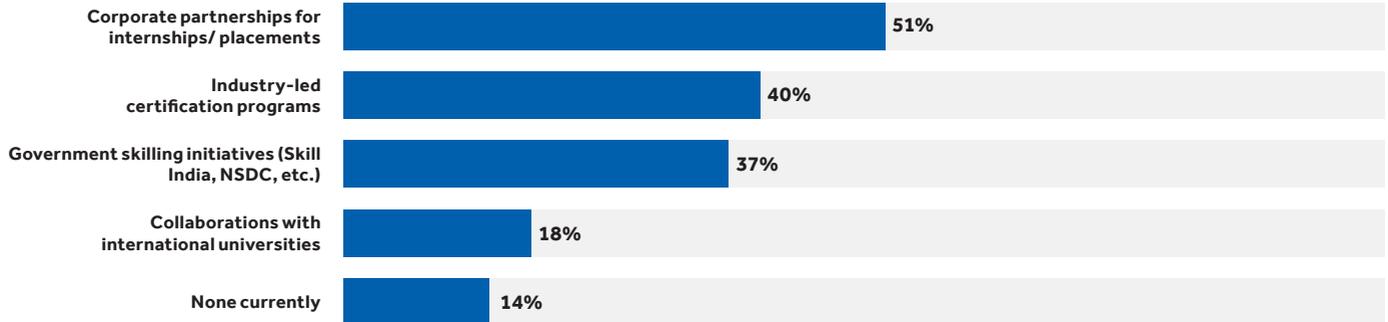
- Cost-sharing with employees/students
- Cost-sharing with government schemes
- Tri-party models (employee + employer + government)

## Corporate Partnerships - Academia Overview

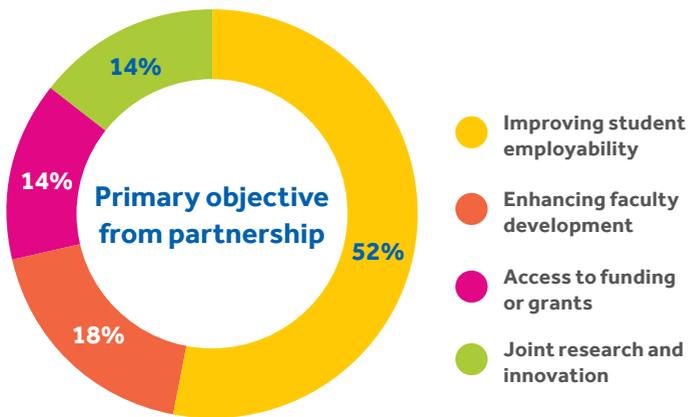
51% academic heads mention they have corporate partnerships– the most common objective to improve employability (52%), However 73% of academic heads say that less than 50% of all students take up apprentice/internships.

### Partner institution for students/faculty

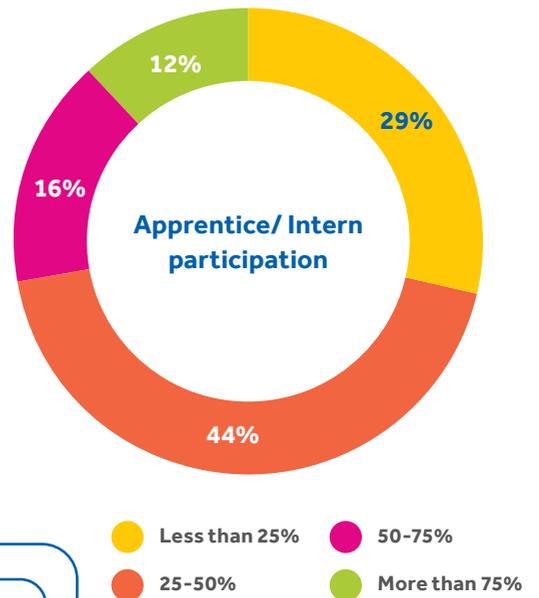
Q. Which types of partnerships does your institution currently maintain to enhance student/faculty skilling?



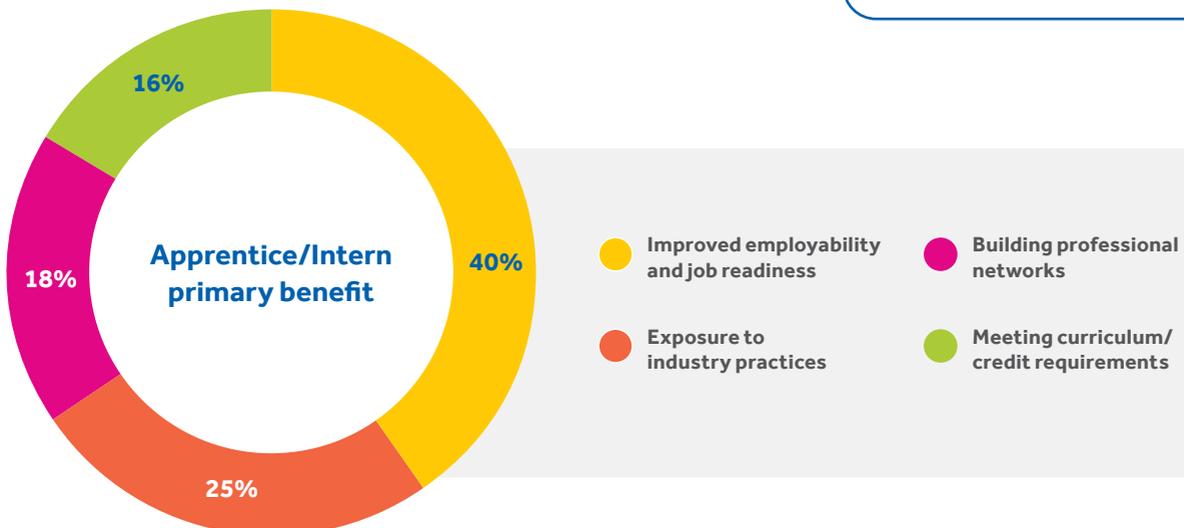
Q. What is the primary objective of these partnerships?



Q. What proportion of your students typically participate in internships or apprenticeships before graduation?



Q. What is the primary benefit of internships/apprenticeships for your students?

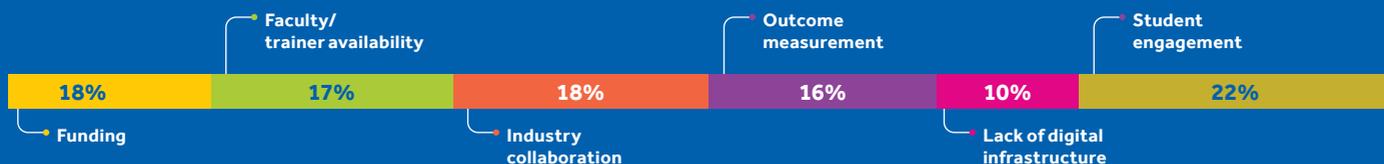


## Challenges in expanding skilling initiatives – Academia Overview

The most common constraint mentioned by academia heads in expanding skilling initiative is student engagement (22%) Funding and alignment with a national-skills-framework are tied (36% each) as the most beneficial government support for their institution's skilling and employability initiatives

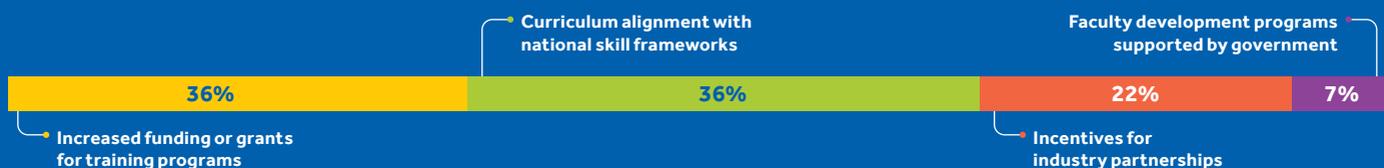
### Challenge expanding skilling initiative

Q. What are the primary challenges your institution faces in expanding skilling initiatives?



### Govt policy support- academia

Q. What type of government policy support would most benefit your institution's skilling and employability initiatives?



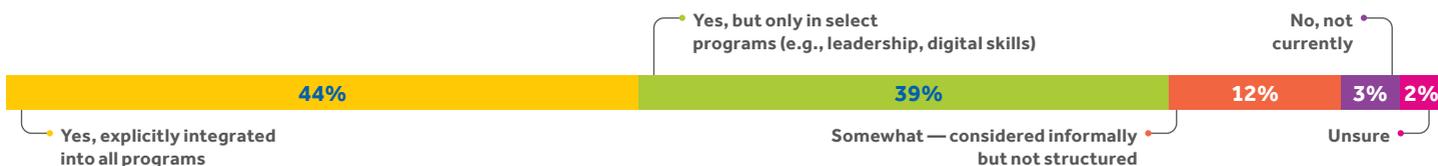
## D&I in L&D and Skilling Initiatives – Demand Side and Academia

In terms of diversity and inclusion goals- 44% of employers say they are explicitly integrated into all programs The groups most targeted by employers are early-career/1st generation graduates (53%) followed by women professionals (48%) In academia, the group most supported through D&I linked initiative are students from rural/underserved backgrounds (54%) followed by 1st generation learners (49%)

### D&I in L&D initiatives – A Demand Side Overview

#### D&I link in skilling

Q. Are diversity and inclusion (D&I) goals explicitly linked to your organization's skilling and development programs?



#### Groups targeted for D&I

Q. Which groups are most targeted for D&I-linked skilling initiatives? (Select all that apply)



### D&I in Academia

#### Groups supported through D&I

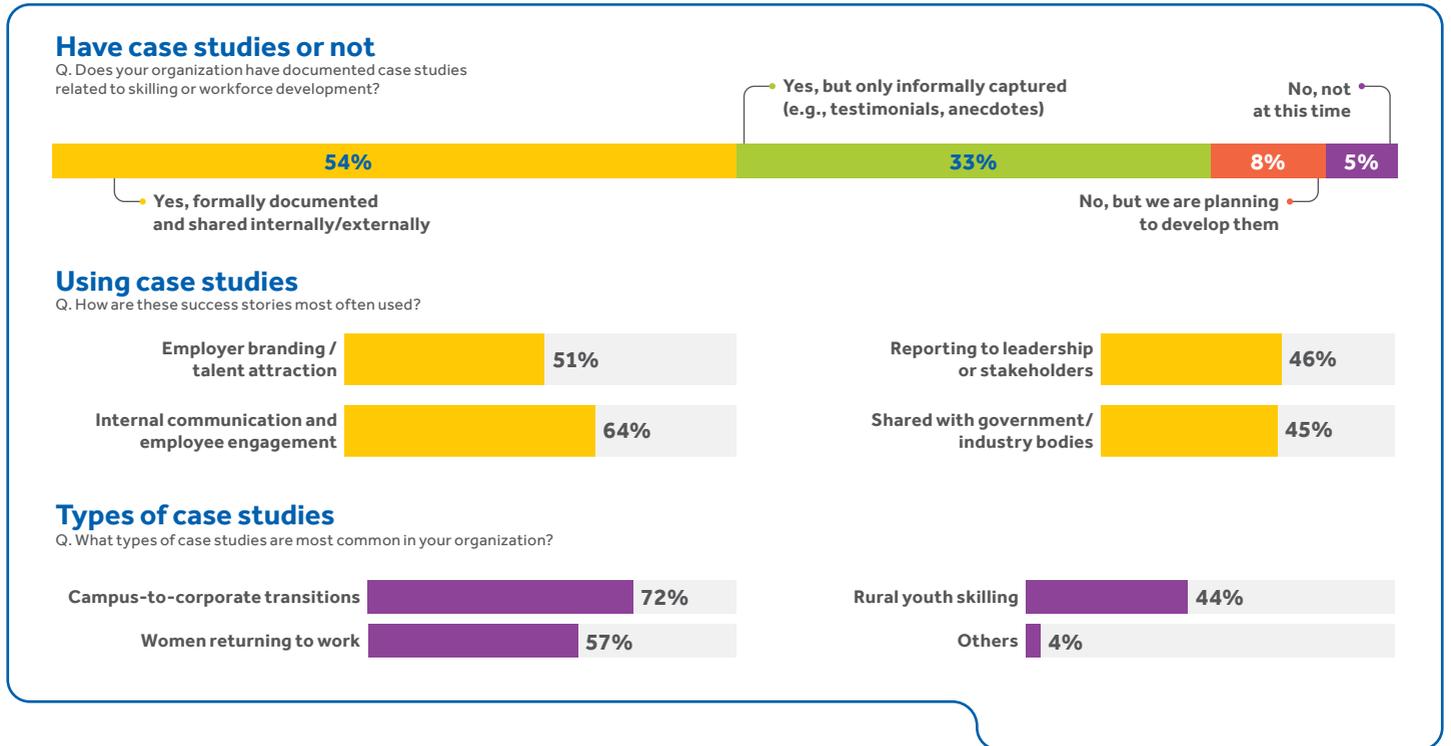
Q. Which groups are most supported through D&I-linked skilling initiatives at your institution?



## Showcasing L&D Programmes and their Impact - Demand Side and Academia

### Showcasing L&D Programmes and their Impact – Demand Side Overview

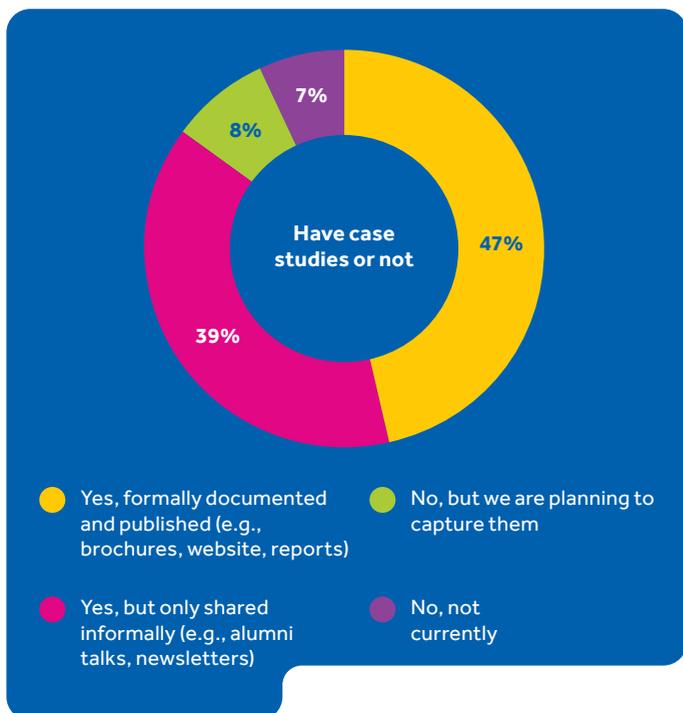
54% employers say they have formally documented case studies relating to skilling/workforce development. A majority of those who have case studies, formal or informal, mention the use cases are internal communication and employee engagement (64%) and employer branding/talent attraction (51%). The most common case study type are campus-to-corporate case studies (72%) followed by case studies of women returning to work (57%)



### Showcasing L&D Programmes and their Impact – Academia Side Overview

Q. Does your institution have documented case studies of students/faculty benefiting from skilling initiatives? How are these success stories most often used?

86% academic heads too mention having case studies- with common use cases being internal motivation and recognition (47%) and attracting new students/faculty (44%) and showcasing student employability outcomes (43%)

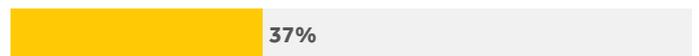


#### Using success stories

Showcasing student employability outcomes



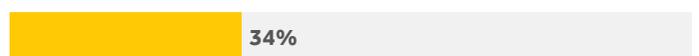
Strengthening industry partnerships



Attracting new students/faculty



Securing grants or government support



Internal motivation and recognition



The logo for NIIT, consisting of the letters 'NIIT' in a bold, white, sans-serif font.

NIIT 2026. All rights reserved

Plot No. 85, Sector 32, Institutional Area,  
Gurugram 122001, Haryana  
Tel : 91 (124) 4293000  
Fax : 91 (124) 4293333