



Get Future Ready Today!



PATHWAYS TO POSSIBILITIES

Introduction

- NSDC Academy operates as a “**skill economy multiplier**,” bringing together learners, higher education institutions (HEIs), corporates and governments to unlock the best of the skill ecosystem for all its stakeholders.
- NSDC Academy delivers a diverse range of “**credit linked**” programs and courses embedded in curriculums of HEIs.
- By providing industry-aligned in-demand quality programs, courses, and partnerships, NSDC Academy acts as a “**pathways to possibilities**” for the Learner.
- By leveraging strategic partnerships and collaborations, NSDC Academy ensures the delivery of “**high-quality, industry-relevant education and training**”, enabling learners to acquire in-demand skills and seize abundant growth opportunities.

Bridging the Industry-Academia Gap



NSDC Academy is playing a vital role in bridging the gap between the academics of the students and what knowledge is expected from student in industry through following measures:

- Identifying relevant Higher Education Institutes (HEIs) for the program.
- Designing and developing the bridge course and its content with Employers and HEIs.
- Course Alignment through industry to ensure that the curriculum is aligned with current market demands and skills requirements.





NSDC Academy Offerings

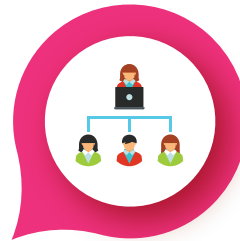
Skilling/ Reskilling/ Upskilling

Providing skill trainings across various domains.

Assessment
Assessment of learners



Internship & Apprenticeship
Opportunities for Internship & Apprenticeship



Skill Loan
Facilitating skill Loans for learners



Credit Based Skilling Ecosystem
Alignment of Credits to courses



Policy Advocacy
Policy Making decisions along with Regulatory bodies



Skill India Centers
Establishing Future Skill Centres across the country



Industry-Academia Council
Defining the learning outcomes



Transformation of Higher Education Segment





Credit System & Learning Framework



Role of Academic Bank of Credits (ABC)

ABC serves as a national-level facility, enabling students to pursue diverse subjects from multiple institutions concurrently.



Interdisciplinary Learning Pathways

ABC promotes interdisciplinary and multidisciplinary academic mobility, allowing students to choose their learning paths and attain qualifications through an appropriate credit transfer mechanism.



Enhanced Academic Mobility

The credit system is designed to facilitate the mobility of students across higher education institutions, both nationally and internationally.



Benefits of College Course Credits Sharing

Online credit pursuit lowers education costs, enhances accessibility to students the flexibility to learn at their own pace and customize their curriculum to fit their unique needs and interests.



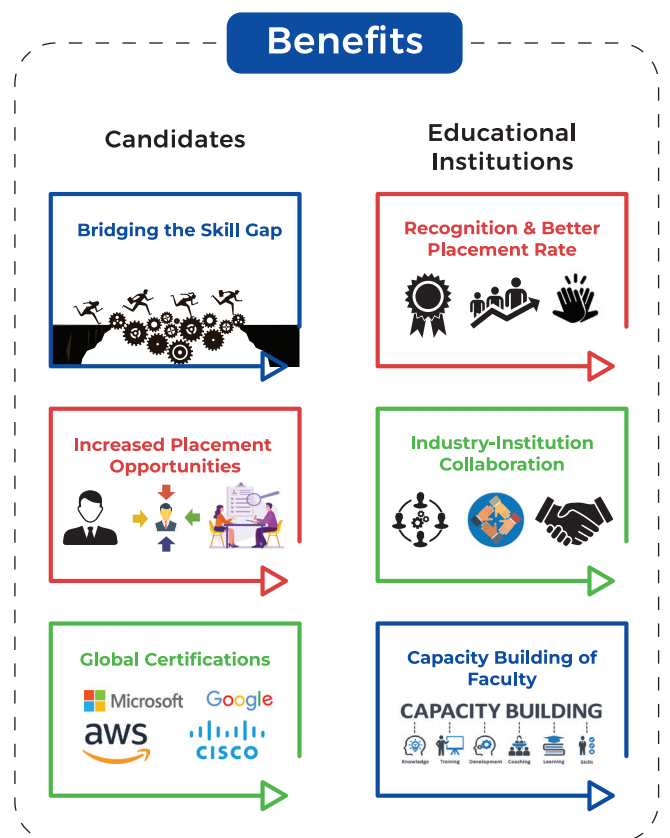
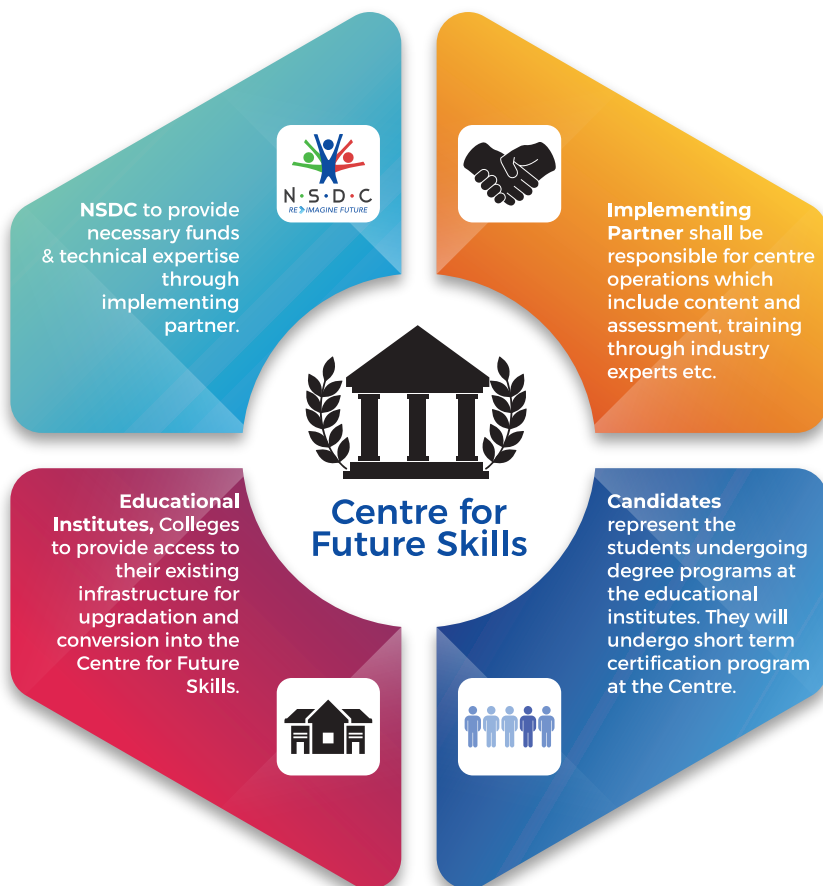
Stackable Credits

A stackable credit system allows students to collect credits from individual courses or modules, which can then be applied toward a certificate or degree program.



Center of Excellence

- Under Center of Excellence model, the existing infrastructure at the colleges will be upgraded and converted into a dedicated state of the art “Center of Excellence.” These centers will offer short term fee-based certification courses in the field of emerging technologies to the candidates undergoing degree programs at these institutes.
- The proposed center aims to provide a state-of-the-art learning environment to conduct training and global certifications at an affordable cost, thereby acting as a bridge between the industry and the youth in fulfilling the ever-growing aspirations of the larger population and the dynamic needs of our industries.
- Along with the global certifications, these Credit-linked QP backed industry aligned courses will replace the existing course from the UG program curriculum resulting in accumulation of 5-6 credits per semester for candidates.
- These centers will operate on a subscription-based model, wherein candidates will pay a subscription fee for the course selected.





Micro Credential Programs with Premium Institutions:

- NSDC Academy along with premium institutes like IIT Guwahati, IIT Ropar and IIT Mandi introduced credit linked certification programs, delivering a comprehensive range of online educational programs such as short term, long term, advanced and executive certification programs.
- Under the program, NSDC Academy is offering QP backed certification programs from premium institutes for graduates & working professionals. The program includes a mix of live sessions, recorded lectures, assignments, and projects. Each module consists of ~8-10 sessions with one live TA-led discussion hour per week.
- This experiential learning approach ensures that learners not only grasp theoretical concepts but also develop practical, hands-on experience, making them well-equipped to tackle the challenges and opportunities in the realm of emerging technologies.
- The curriculum co-designed by IITs and NSDC partners focuses on skills that are crucial to bridge the current skill gap in a bid to improve employability.

| Program Name | Premium Institute | Credits Awarded |
|---|-------------------|-----------------|
| Micro Credit Program in Computer Science | IIT Guwahati | 24 |
| Practical learning and application of new tech in Cyber Security | IIT Guwahati | 24 |
| Certification Program in VLSI | IIT Guwahati | 24 |
| Certification Program in AIML, Digital Marketing & Financial Literacy | IIT Guwahati | 24 |
| AI for Bharat- Minor in Artificial Intelligence | IIT Ropar | 15 |
| Credit Linked Micro Specialization in AI & ML | IIT Mandi | 24 |



Work Integrated Learning Programs

- NSDC Academy has introduced Work Integrated Learning Programs (WILP) for the working youth at industry set up in association with Universities and Program Partners (Staffing Companies/ Recruitment Agencies).
- Work-integrated Learning programs enhance employability, a smoother transition from education to work, and a deeper understanding of industry practices. These programs are particularly valuable in fields where practical skills and industry experience are highly valued, such as engineering, business, health sciences, and information technology.

| S. No. | Course | Domain |
|--------|---------|---|
| 1 | B. Voc. | Automotive |
| 2 | B. Voc. | Electronics Manufacturing |
| 3 | B. Voc. | Telecom |
| 4 | B. Voc. | Tourism & Hospitality |
| 5 | B. Voc. | Banking, Financial Services and Insurance |
| 6 | B. Voc. | Food Processing |
| 7 | B. Voc. | Management |
| 8 | B. Voc. | Journalism and Media |
| 9 | B. Voc. | Power |
| 10 | B. Voc. | Construction |





Benefits of WILP

Addressing the GER Challenge

Over the next 25 years, Internship will be key in India's human capital development, increasing higher education accessibility and appeal, and offering 'Learning while Earning' opportunities to diverse demographics.



Corporates Reaping the Benefits

Corporates value internships for creating a ready, skilled talent pool, reducing training costs and time, with sectors like Manufacturing and Engineering increasingly adopting them for work-ready recruits.



Impact on Youth Employability

Internships directly impact youth employability, offering a pathway to gain industry-relevant skills and experience. By learning while earning, students can better manage the financial aspects of higher education, making it a more inclusive option.



Symbiotic Synergy with Industries

For universities, Internship enhance the appeal of their programs, attracting a diverse and high-quality pool of applicants. This symbiotic relationship with industries ensures that academic offerings are continually updated, aligned with real-world needs, and remain relevant.



The UGC Mandate and University Implementation

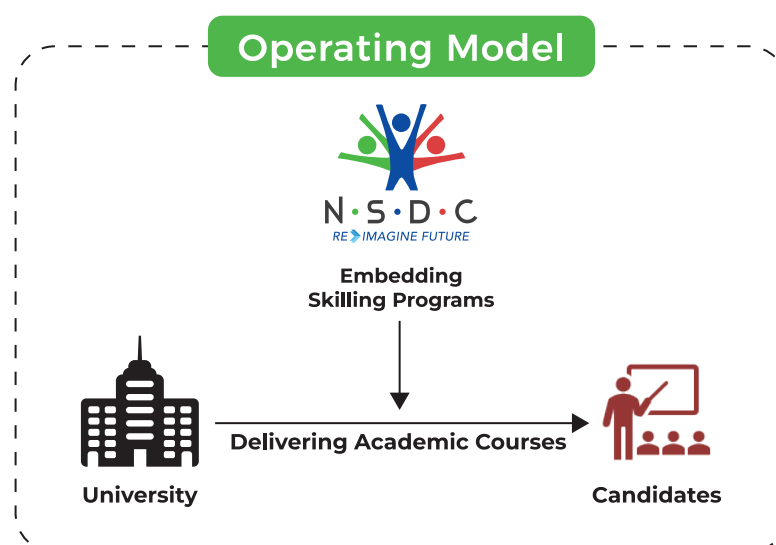
The University Grants Commission (UGC), in its 2020 mandate, outlined guidelines for Skill Embedded Degree Programs, encouraging universities to incorporate industry-validated internships into academic degrees. This paradigm shift merges academic knowledge with practical skills, fostering a holistic learning experience.



Skill Embedded Degree Programs

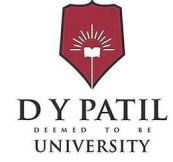
- NSDC Academy is focusing on Universities & Institutions to introduce Skill module in their regular programs for the students in the campus. The skill module would carry 20-40 credits and will be delivered by NSDC associated delivery partner in Offline/ Hybrid Mode.
- This collaboration ensures tailored educational solutions for universities and colleges, delivering top-quality education that equips students not only with academic knowledge but also with practical, industry-relevant skills to enhance their employability.
- The program aims to incorporate advanced technology into learning and upskilling initiatives through virtual labs integrated into the curriculum.

| S. No. | Course | Domain |
|--------|------------------|--|
| 1 | B.Sc./ M. Sc. | Data Science |
| 2 | BCA/ MCA | Artificial Intelligence and Machine Learning, Game Development, Data Structure & Algorithms, Data Science & Analytics, Python & Adv Python, C++ Programming & Cyber Security |
| 3 | B. Tech/ M. Tech | Data Science |
| 4 | BBA | Retail Management, Wealth Management, Tourism and Hospitality, Aviation Management |
| 5 | MBA | Healthcare Management |
| 6 | B.Com. | Accounts & Finance |
| 7 | BBA/B. Com | Digital Marketing |
| 8 | BBA/B. Com | Data science & Data Analytics |
| 9 | MBA/ M.Com. | Investment Banking and Wealth Management |





Our Partners



....and many more.

Expression of Interest for
Center of Excellence/ WILP/
Premium Institute Programs



Scan QR for information





For more Information

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