

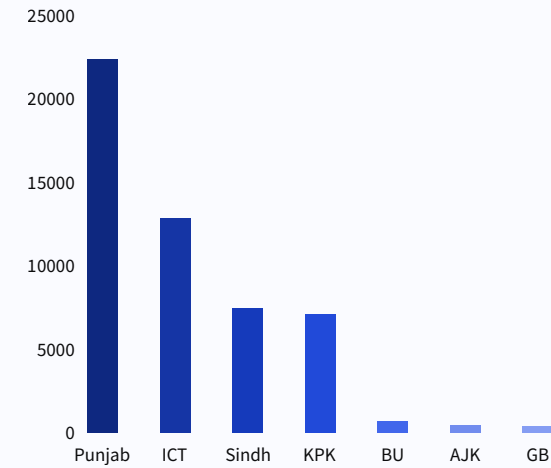


DLSEI 3.0 PROJECT REPORT

December 2024 – December 2025

Prepared By: **Noon Consulting**

Upskilling by Region



License Utilization

174%

Cohort 1 and 2 combine



Learner Upskilled
Cohort 1



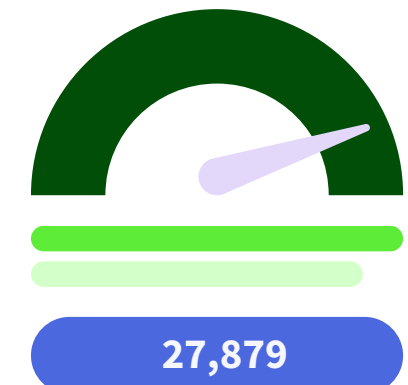
Total Applications Received

110,746

C-1 54,224

C-2 55,522

Learner Upskilled
Cohort 2



DLSEI Nationwide Learner
Upskilled

2018 - 2025

104,238



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DLSEI Project Overview

The Digital Learning & Skills Enrichment Initiative (DLSEI) is a flagship program of the Higher Education Commission (HEC) of Pakistan, implemented in partnership with Coursera. The initiative aims to equip students and faculty of Pakistani universities with in-demand digital and professional skills aligned with global workforce requirements.

DLSEI addresses the skills gap in higher education by providing access to internationally recognized online courses that bridge academic learning with practical, market-relevant competencies.

DLSEI Program Highlights

 **DLSEI Phase 1 (2018):** 8,000 learners onboarded - [view report](#)

 **DLSEI 2.0 (2021–2024):** 50,000+ learners upskilled - [view report](#)

 24,000 licenses in Year 1

 26,000 licenses in Year 2

Building on this success, DLSEI 3.0 was launched in December 2024, targeting the upskilling of 50,000+ students and faculty over one year through two six-month cohorts.





DLSEI 3.0 – Cohort 1 - [view report](#)

The first cohort of DLSEI 3.0 commenced in December 2024 and ran for six months. More than 55,000 students and faculty participated, achieving an 82% success rate.

DLSEI 3.0 – Cohort 2 - [view report](#)

The second cohort began in June 2025 and concluded in December 2025, completing the project's first year. Over 55,000 participants were onboarded, with a 93% success rate achieved.

Project Policies


-  Eligibility was limited to active students and faculty of public and private universities.
-  Alumni and affiliated college students and faculty were not eligible.
-  A strict license revocation policy ensured optimal utilization of licenses.
-  Learners were provided access to 16,000+ courses, with unlimited enrollments per license.

This report presents an overview of DLSEI 3.0, outlining its implementation, outcomes, and overall impact.

02 DLSEI 3.0 Applications

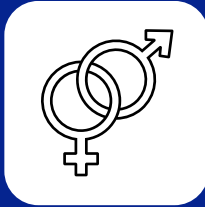
Total Applications Received

110,746



Applications based on Gender

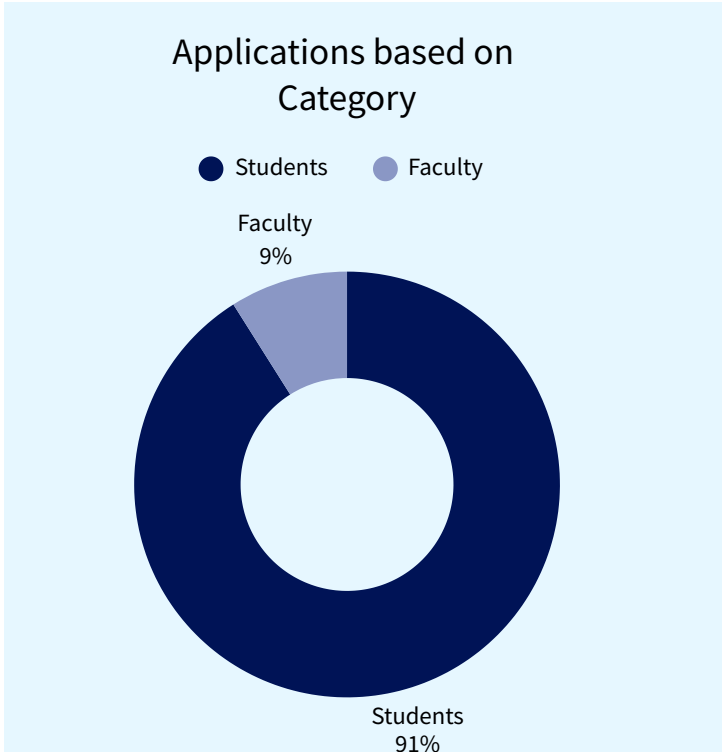
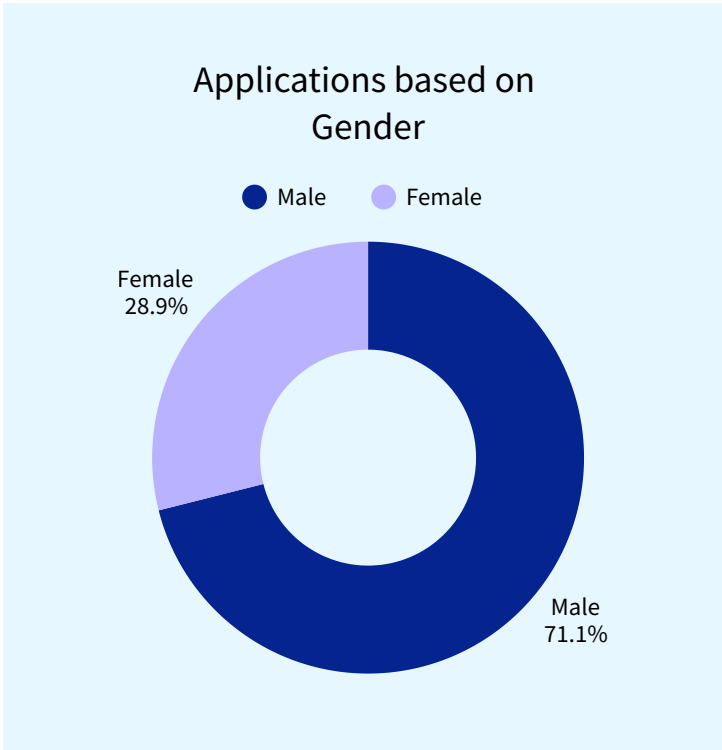
Male: 78,711
Female: 32,035



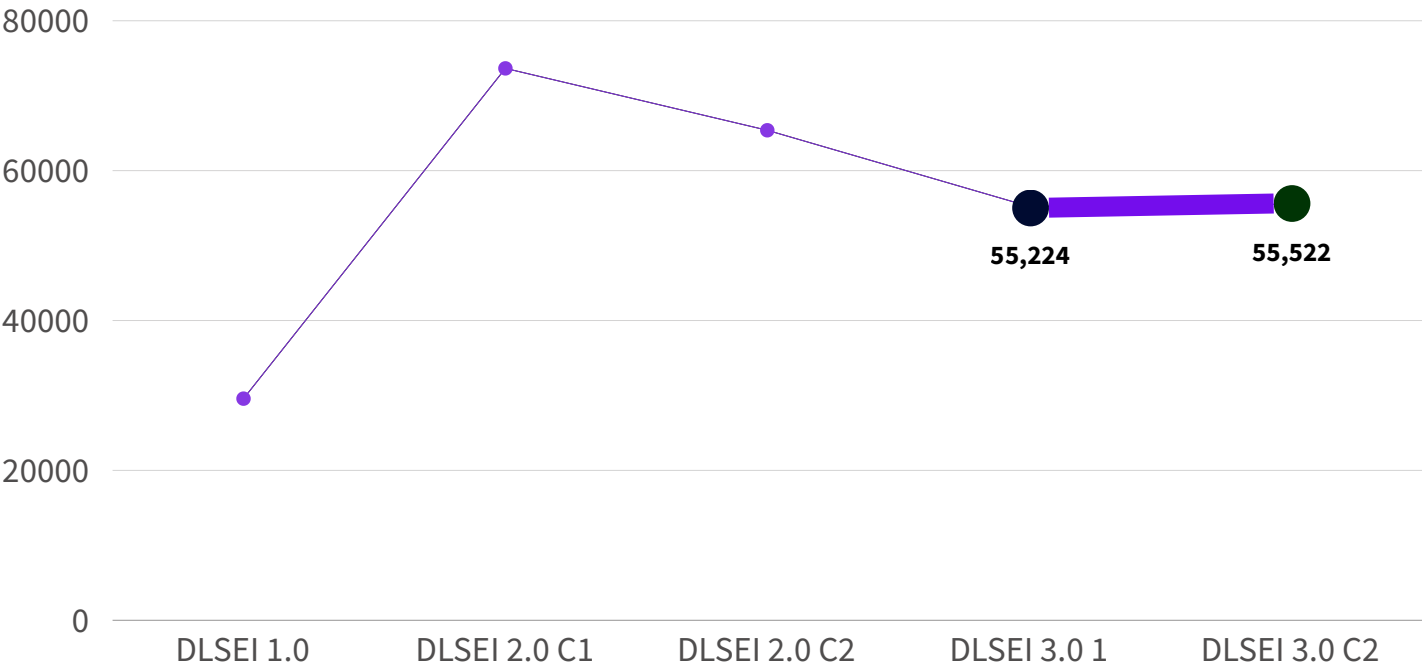
Applications based on Category

Students: 100,819
Faculty: 9,927





DLSEI Project Applicant Details



DLSEI 3.0 applications were open for a limited window, unlike previous phases with continuous intake.

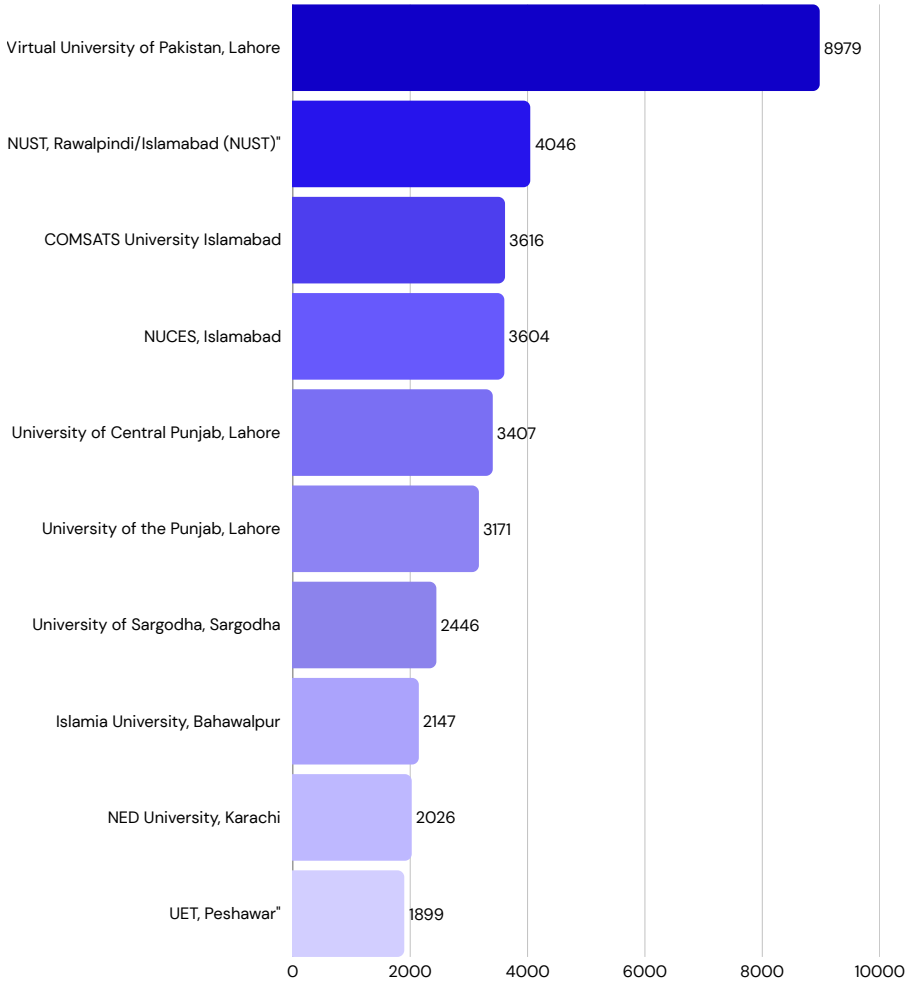
DLSEI 3.0 Applications by Universities and Cities

Over 250 universities in Pakistan participated in the DLSEI 3.0 program. To ensure smooth implementation, Focal Persons were appointed at each university to assist HEC in executing the program successfully.

All interested students and faculty applied through the HEC e-Services portal. Focal Persons were provided access to the portal’s admin dashboard and were responsible for verifying the eligibility of students and faculty/staff.

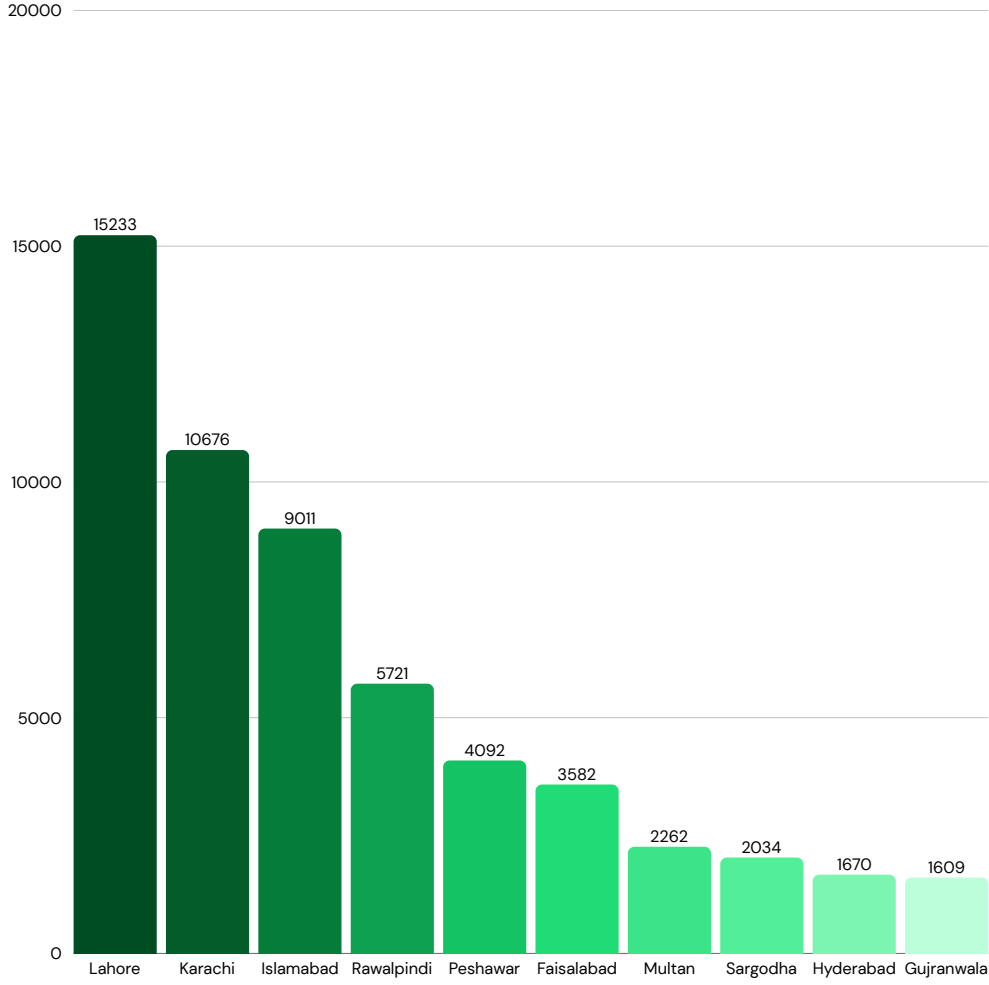
Verified applicants were then granted free Coursera licenses through their registered email addresses.

Top Universities by Applications



[View Details](#) >>

Top Cities by Applications



[View Details](#) >>

03

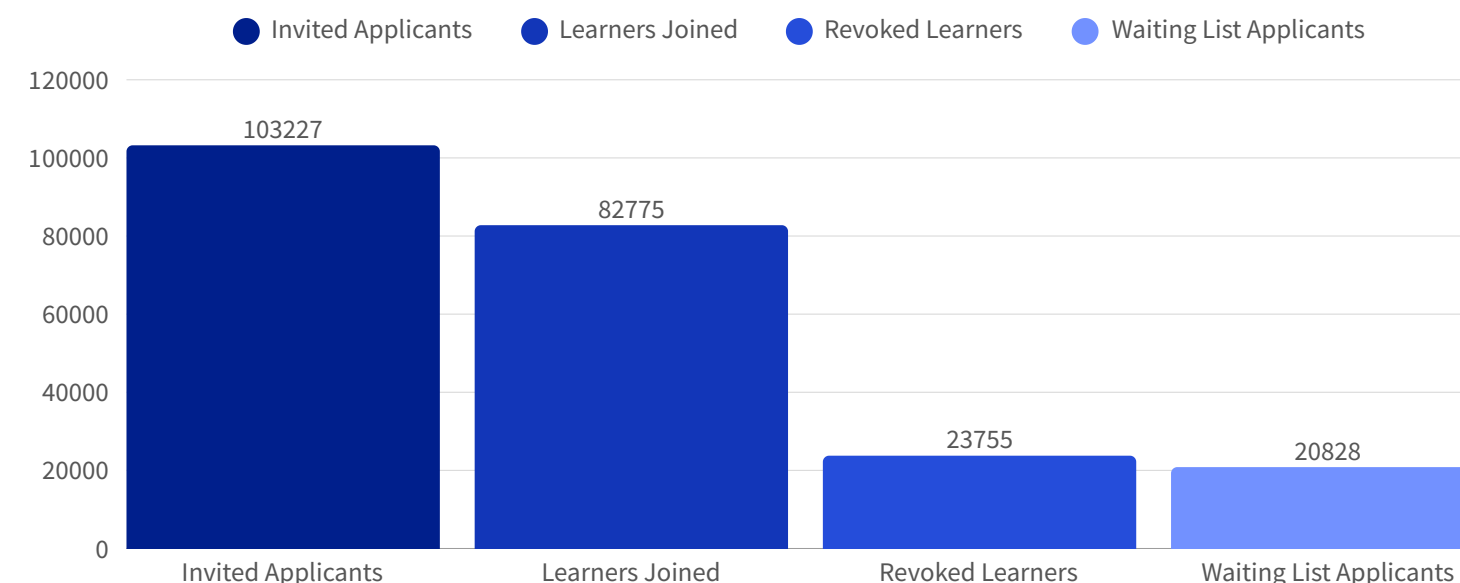
Coursera License Distribution and Utilization

Under DLSEI 3.0, a total of 30,000 licenses were allocated to university students and faculty for a one-year period. To maximize program impact, the year was divided into two six-month cohorts, enabling the upskilling of up to 60,000 students and faculty through the reuse of the same licenses.

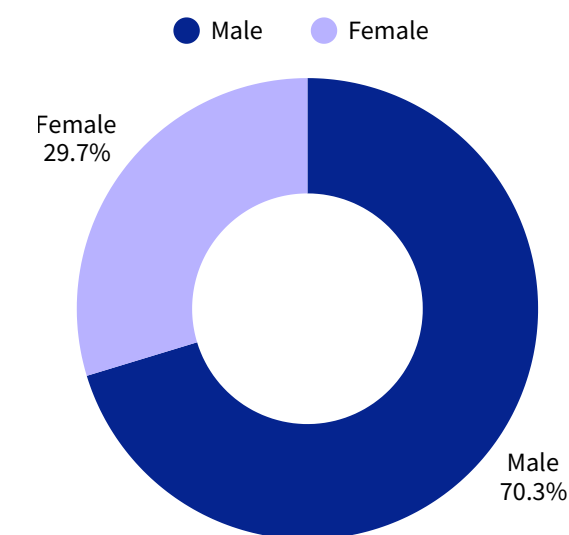
Cohort 1 commenced in December 2024 and concluded in June 2025. Cohort 2 was launched in June 2025 and concluded in December 2025.

To ensure optimal license utilization, a strict revocation policy was implemented whereby inactive licenses were revoked and reallocated to applicants on the waiting list.

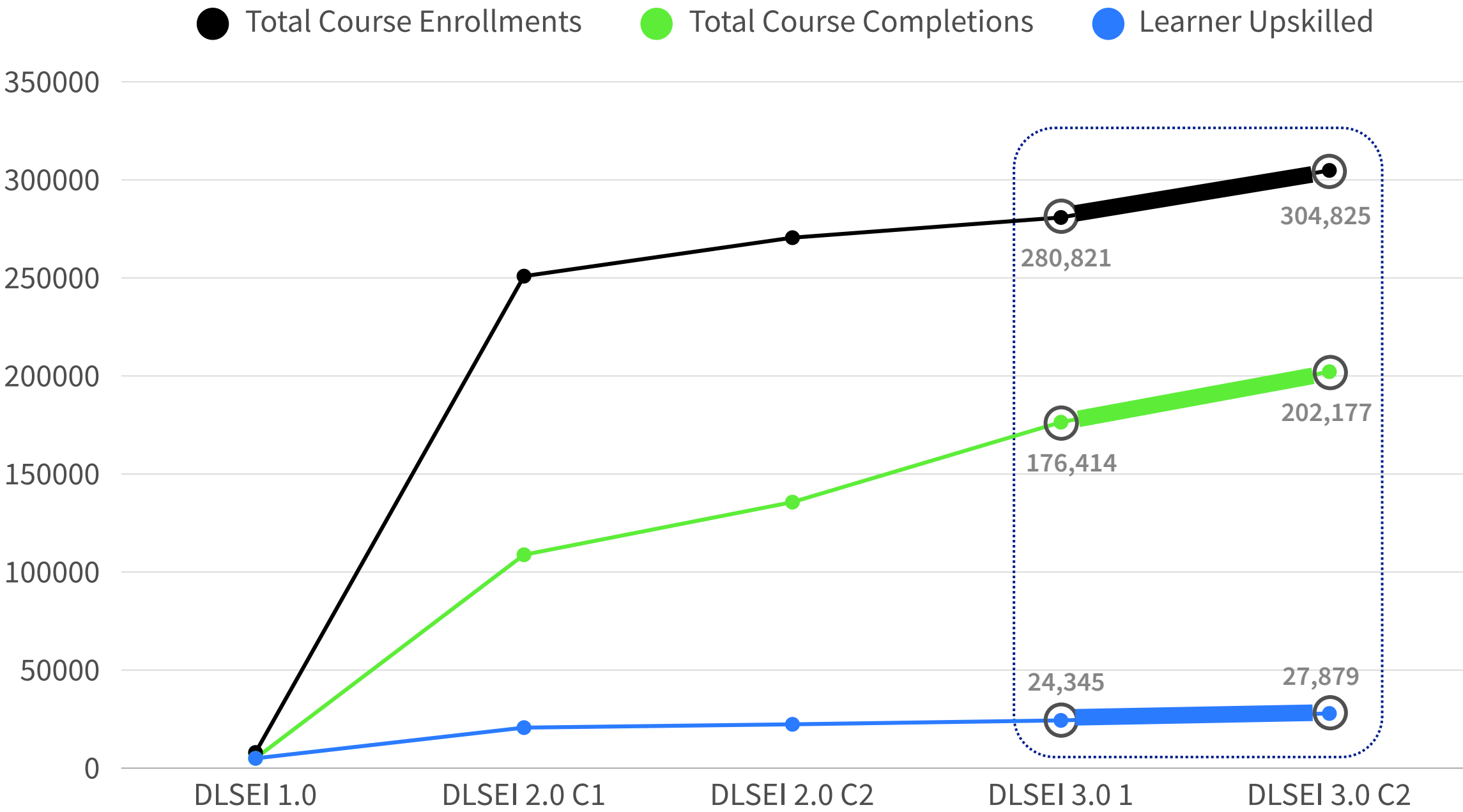
License Distribution Details



Gender-wise License Consumption Overview



Coursera License Utilization Overview



Nationwide Learner
Upskilled

52,224

DLSEI 3.0 (2024-2025)



Total Course
Enrollment

585,646

DLSEI 3.0 (2024-2025)



Total Course
Completion

378,591

DLSEI 3.0 (2024-2025)



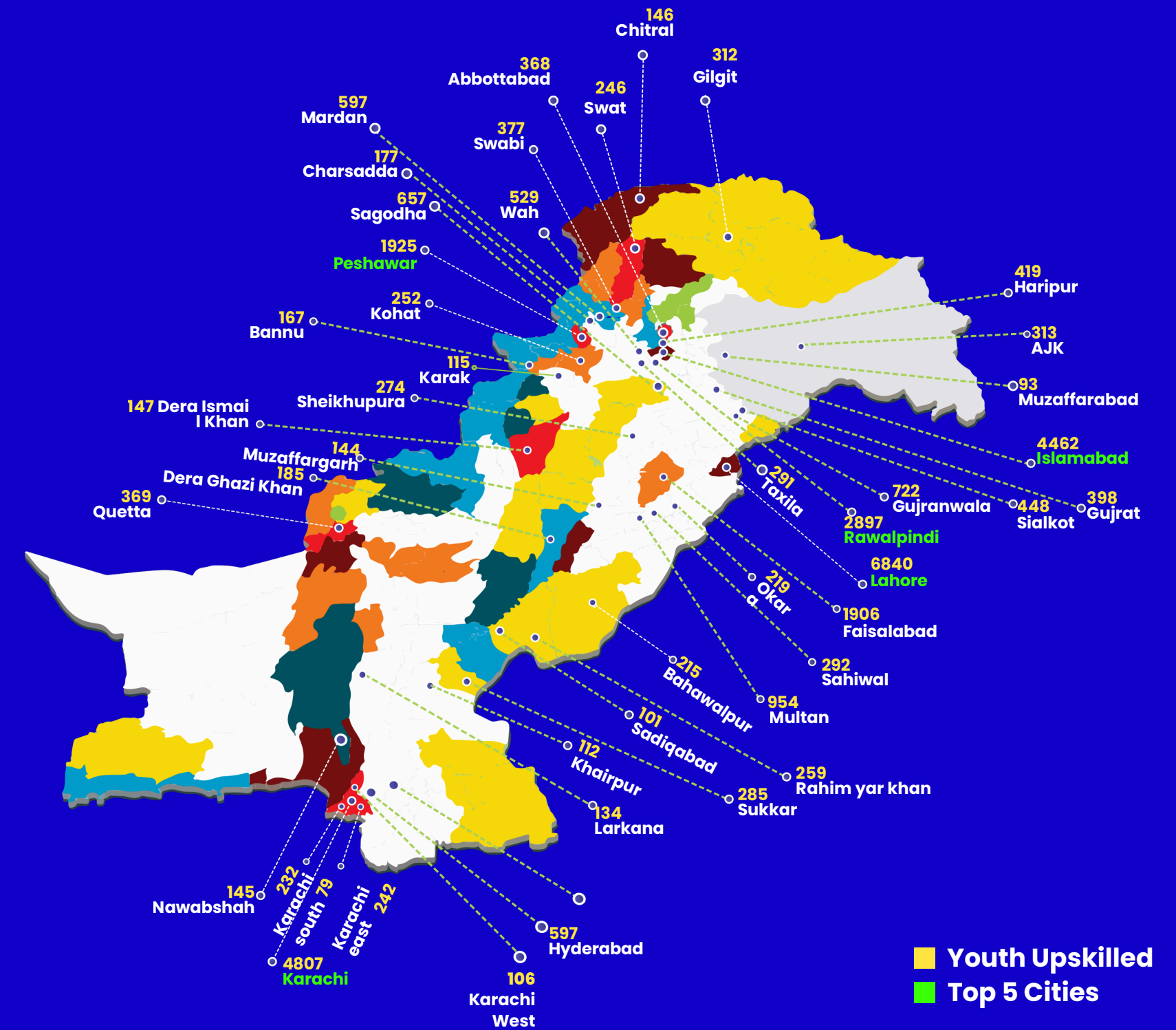
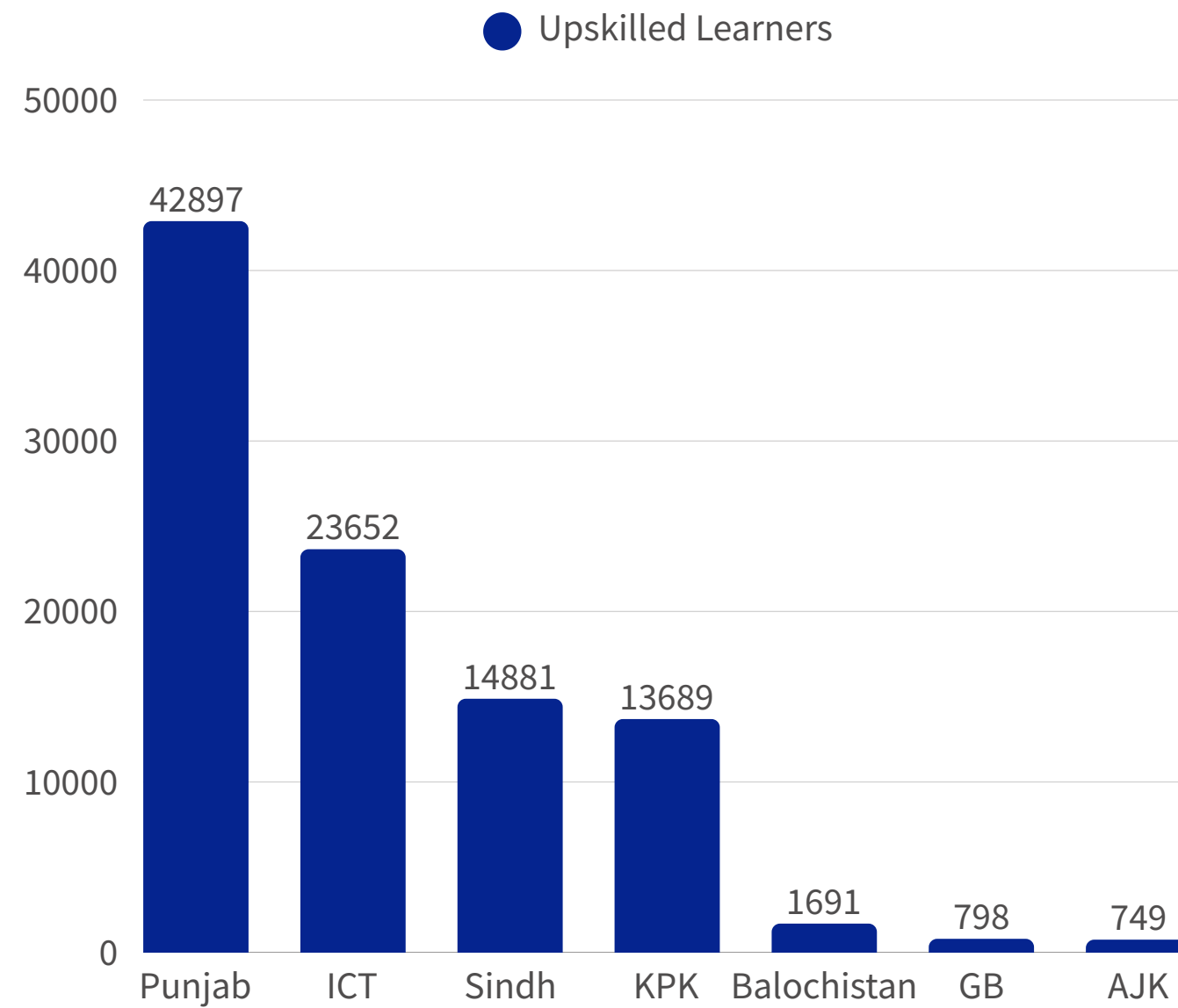
DLSEI Learner Upskilling Across Universities

| Rank | University Name | Count |
|------|---|-------|
| 1 | Virtual University of Pakistan, Lahore | 3568 |
| 2 | NUCES, Islamabad | 2075 |
| 3 | NUST, Rawalpindi/Islamabad | 1805 |
| 4 | COMSATS University Islamabad | 1764 |
| 5 | University of the Punjab, Lahore | 1357 |
| 6 | University of Central Punjab, Lahore | 1193 |
| 7 | University of Sargodha, Sargodha | 1071 |
| 8 | University of Agriculture, Faisalabad | 1069 |
| 9 | University of Engineering & Technology, Peshawar | 898 |
| 10 | University of Engineering & Technology, Lahore | 806 |
| 11 | University of Engineering & Technology, Taxila | 784 |
| 12 | University of Lahore, Lahore | 738 |
| 13 | NED University of Engineering & Technology, Karachi | 715 |
| 14 | Bahria University, Islamabad | 679 |
| 15 | Quaid-i-Azam University, Islamabad | 648 |
| 16 | University of Sindh, Jamshoro | 647 |
| 17 | Air University, Islamabad | 640 |
| 18 | University of Karachi, Karachi | 621 |
| 19 | Government College University, Faisalabad | 617 |
| 20 | Riphah International University, Islamabad | 563 |
| 21 | University of Gujrat, Gujrat | 549 |
| 22 | International Islamic University, Islamabad | 543 |
| 23 | Islamia University, Bahawalpur | 539 |
| 24 | NUML, Islamabad | 525 |
| 25 | Sukkur IBA University | 521 |

| Rank | University Name | Count |
|------|--|-------|
| 26 | Abdul Wali Khan University, Mardan | 514 |
| 27 | University of Management & Technology, Lahore | 512 |
| 28 | Bahauddin Zakariya University, Multan | 457 |
| 29 | SZABIST, Karachi | 446 |
| 30 | GIKI, Topi, Swabi | 436 |
| 31 | University of Education, Lahore | 422 |
| 32 | Institute of Management Science, Peshawar (IMS) | 417 |
| 33 | University of Peshawar, Peshawar | 363 |
| 34 | University of Haripur, Haripur | 352 |
| 35 | Allama Iqbal Open University, Islamabad (AIOU) | 350 |
| 36 | Pak Austria Fachhochschule, Haripur | 348 |
| 37 | Fatima Jinnah Women University, Rawalpindi | 327 |
| 38 | The Superior University, Lahore | 323 |
| 39 | Iqra University, Karachi | 320 |
| 40 | PIEAS, Islamabad | 296 |
| 41 | Pir Mehr Ali Shah Arid Agriculture, University RWP | 292 |
| 42 | Government College University, Lahore | 287 |
| 43 | Dawood University of Engineering & Technology, KHI | 277 |
| 44 | Kohat University of Science and Technology, Kohat | 264 |
| 45 | Lahore Garrison University, Lahore | 263 |
| 46 | Khwaja Fareed University, Rahim Yar Khan | 261 |
| 47 | NUTECH, Islamabad | 259 |
| 48 | University of Veterinary and Animal Sciences, Lahore | 256 |
| 49 | Karakorum International University, Gilgit, GB | 252 |
| 50 | DOW University of Health Sciences, Karachi | 248 |

DLSEI Learner Upskilling Across Pakistan

Province-wise Number of Upskilled Learners in Pakistan



04

DLSEI 3.0 Coursera
Program Overview

DLSEI 3.0 (Year 1) recorded over 585,000 course enrollments across multiple domains, resulting in more than 378,000 course completions. These offerings included individual courses, guided projects, and specializations.

Within the first year, learners completed over 14,860 specialization programs, indicating advanced skill development and domain-specific expertise among participants.

Top Domains

By completions



- 1. Business
- 2. Computer Science
- 3. Data Science
- 4. Information Technology
- 5. Health
- 6. Physical Science and Engineering
- 7. Language Learning
- 8. Social Sciences
- 9. Personal Development
- 10. Arts and Humanities
- 11. Math and Logic

| Rank | Sub-Domains |
|------|--|
| 1 | Data Analysis |
| 2 | Machine Learning |
| 3 | Software Development |
| 4 | Marketing |
| 5 | Business Essentials |
| 6 | Mobile and Web Development |
| 7 | Leadership and Management |
| 8 | Business Strategy |
| 9 | Cloud Computing |
| 10 | Computer Security and Networks |
| 11 | Learning English |
| 12 | Security |
| 13 | Design and Product |
| 14 | Personal Development |
| 15 | Basic Science |
| 16 | Education |
| 17 | Environmental Science and Sustainability |
| 18 | Finance |
| 19 | Support and Operations |
| 20 | Mechanical Engineering |
| 21 | Electrical Engineering |
| 22 | Music and Art |
| 23 | Algorithms |
| 24 | Data Management |
| 25 | Networking |

| Rank | Sub-Domains |
|------|----------------------------|
| 26 | Psychology |
| 27 | Public Health |
| 28 | Entrepreneurship |
| 29 | Patient Care |
| 30 | Governance and Society |
| 31 | Research |
| 32 | Healthcare Management |
| 33 | Law |
| 34 | Health Informatics |
| 35 | Other Languages |
| 36 | Nutrition |
| 37 | Chemistry |
| 38 | Math and Logic |
| 39 | Probability and Statistics |
| 40 | Research Methods |
| 41 | Physics and Astronomy |
| 42 | History |
| 43 | Philosophy |
| 44 | Economics |
| 45 | Animal Health |

Top Specializations Completed by DLSEI Learners

| Rank | Specialization Name | Count |
|------|---|-------|
| 1 | Machine Learning | 471 |
| 2 | Google Cybersecurity | 425 |
| 3 | Google AI Essentials | 381 |
| 4 | Google Project Management | 363 |
| 5 | Google Data Analytics | 340 |
| 6 | Learn English: Beginning Grammar | 237 |
| 7 | Google Prompting Essentials | 226 |
| 8 | IELTS Preparation | 219 |
| 9 | Google Digital Marketing & E-commerce | 197 |
| 10 | IBM Data Science | 196 |
| 11 | Microsoft 365 Fundamentals | 186 |
| 12 | Google IT Support | 182 |
| 13 | Python for Everybody | 162 |
| 14 | Deep Learning | 137 |
| 15 | Meta Front-End Developer | 123 |
| 16 | Adobe Graphic Designer: Design that Demands Attention | 117 |
| 17 | Health, Safety, and Environmental (HSE) Engineering | 113 |
| 18 | SOLIDWORKS 3D CAD for Education | 109 |
| 19 | Google Advanced Data Analytics | 107 |
| 20 | Google UX Design | 95 |
| 21 | Prompt Engineering | 85 |
| 22 | IBM Data Analyst | 85 |
| 23 | IBM RAG and Agentic AI | 79 |
| 24 | IBM Generative AI Engineering | 73 |
| 25 | Microsoft Power BI Data Analyst | 72 |

[View Details](#) >>

Data Science

AI & ML

| | | |
|------------------|--------------------|---------------|
| Machine Learning | Deep Learning | ML Algorithms |
| Gen AI | LLM | Tensorflow |
| ChatGPT | AI Neural Networks | Prompt Engg |
| Model Evaluation | Open AI | PyTorch |

Data Analysis

| | | |
|---------|--------------------|-----|
| Python | Data Visualization | SQL |
| Tableau | Big Data | R |

Business

Marketing

| | | |
|-------------------|-----------|-----|
| Digital Marketing | SEO & SEM | SMM |
|-------------------|-----------|-----|

Leadership and Management

| | | |
|-------------|--------------------|-----------------|
| Project Mgt | Strategic Planning | Team Leadership |
|-------------|--------------------|-----------------|

Business Strategy

| | | |
|--------------------|-------------------|--------------|
| Business Analytics | Business Modeling | Ops Research |
|--------------------|-------------------|--------------|

Business Essentials

| | | |
|----------|------------|------------|
| MS Excel | Org Skills | Accounting |
|----------|------------|------------|

Finance

| | | |
|--------------------|---------------|-------------|
| Financial Analysis | Portfolio Mgt | Investments |
|--------------------|---------------|-------------|

Technology

Cloud Computing

| | | |
|------------------|----------------|--------------------|
| IaaS | SaaS | Cloud Services |
| Virtual Machines | Cloud Security | Cloud Architecture |

Software Development

| | | |
|-------------|------------|-------------------|
| Web Dev | Mobile Dev | Front-End Web Dev |
| Programming | SDLC | Back-End Web Dev |
| App Dev | Algorithms | OOP |
| GitHub | C++ | CI/CD |

Security

| | | |
|----------------|-------------------|---------------------|
| Cyber Security | Cryptography | Penetration Testing |
| IAM | Incident Response | Network Security |

Mobile & Web Development

| | | |
|---------|-------------|------------|
| HTML | CSS | JavaScript |
| Flutter | Django | API |
| UI & UX | Android Dev | iOS Dev |
| Flutter | React | MySQL |

Networking

| | | |
|-------------------|-------------------|------------------|
| TCP/IP | Network Protocols | OSI Models |
| Wireless Networks | Virtualization | Network Security |

Top IT courses Completed by DLSEI Learners

Coursera offers a comprehensive range of IT courses, including Computer Science and Data Science, covering topics from foundational to advanced levels in programming, networking, cybersecurity, cloud computing, databases, AI, and analytics. Out of **17,300+** total courses and projects, **9,036** are IT courses, including **104** advanced specialization courses for in-depth skill development.

All IT courses provide industry-recognized certifications from leading partners like **Google, Microsoft, IBM, AWS, and Meta**, aligned with their skill frameworks and certification paths.

| Rank | Course Name | Count |
|------|--|-------|
| 1 | Python for Data Science, AI & Development | 2964 |
| 2 | Supervised Machine Learning: Regression and Classification | 2317 |
| 3 | Work Smarter with Microsoft PowerPoint | 2315 |
| 4 | Foundations of Cybersecurity | 2239 |
| 5 | Programming for Everybody (Getting Started with Python) | 2186 |
| 6 | What is Data Science? | 1916 |
| 7 | Foundations: Data, Data, Everywhere | 1898 |
| 8 | Introduction to Front-End Development | 1695 |
| 9 | Generative AI: Prompt Engineering Basics | 1625 |
| 10 | Introduction to Software Engineering | 1590 |
| 11 | Play It Safe: Manage Security Risks | 1493 |
| 12 | Introduction to Artificial Intelligence (AI) | 1491 |
| 13 | Generative AI: Introduction and Applications | 1427 |
| 14 | Machine Learning with Python | 1325 |
| 15 | Connect and Protect: Networks and Network Security | 1303 |
| 16 | Statistical Analysis of Data for Researchers | 1302 |
| 17 | Advanced Learning Algorithms | 1236 |
| 18 | Ask Questions to Make Data-Driven Decisions | 1176 |
| 19 | IoT for Everyone | 1140 |
| 20 | Tools of the Trade: Linux and SQL | 1128 |
| 21 | Work Smarter with Microsoft Word | 1071 |
| 22 | Data Analysis with Python | 1062 |
| 23 | Prompt Engineering for ChatGPT | 1061 |
| 24 | Databases and SQL for Data Science with Python | 1036 |
| 25 | Python Data Structures | 1033 |

[View Detail](#) >>

Top Skills by DLSEI Learner Category

Students



| Rank | Skill |
|------|--|
| 1. | Artificial Intelligence & Machine Learning |
| 2. | Microsoft Excel & Spreadsheet Analytics |
| 3. | Python Programming & Automation |
| 4. | Applied Machine Learning & Predictive Analytics |
| 5. | Cybersecurity & Information Security |
| 6. | Presentation & Productivity Tools (PowerPoint, Office) |
| 7. | Generative AI & Prompt Engineering |
| 8. | Project Management (Traditional & Agile) |
| 9. | Data Science, Big Data & Cloud Analytics |
| 10. | Data Analysis & Business Analytics |
| 11. | Web Development & Front-End Technologies |
| 12. | Software Engineering & SDLC |
| 13. | Digital Marketing & Marketing Analytics |
| 14. | Advanced Cyber Defense & SIEM |
| 15. | Networking, Cloud & Infrastructure Security |

Faculty



| Rank | Skill |
|------|--|
| 1. | Artificial Intelligence & Machine Learning |
| 2. | Microsoft Excel & Spreadsheet Analytics |
| 3. | Generative AI & Prompt Engineering |
| 4. | Project Management (Traditional & Agile) |
| 5. | Data Analysis & Business Analytics |
| 6. | Python Programming & Automation |
| 7. | Cloud Computing & Big Data Technologies |
| 8. | Digital Marketing & Marketing Analytics |
| 9. | Cybersecurity & Information Security |
| 10. | Research & Research Methodologies |
| 11. | Communication & Professional Skills |
| 12. | Software Development & Web Technologies |
| 13. | Leadership & Management |
| 14. | Data Visualization & BI Tools (Power BI, Tableau, R) |
| 15. | Risk Management & Governance |

Fastest-growing skills

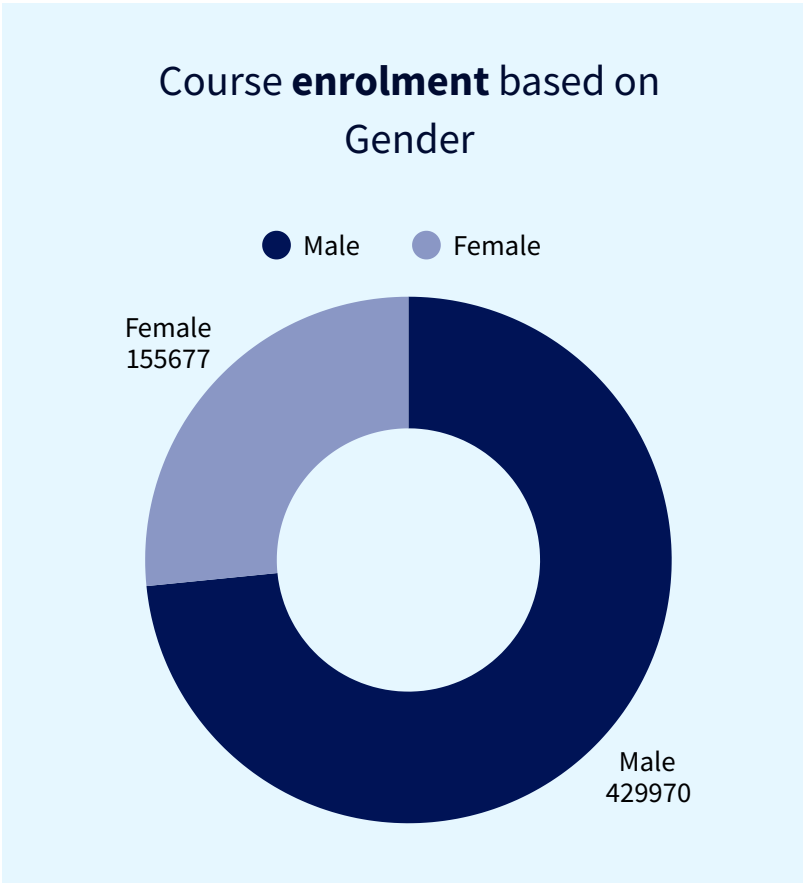
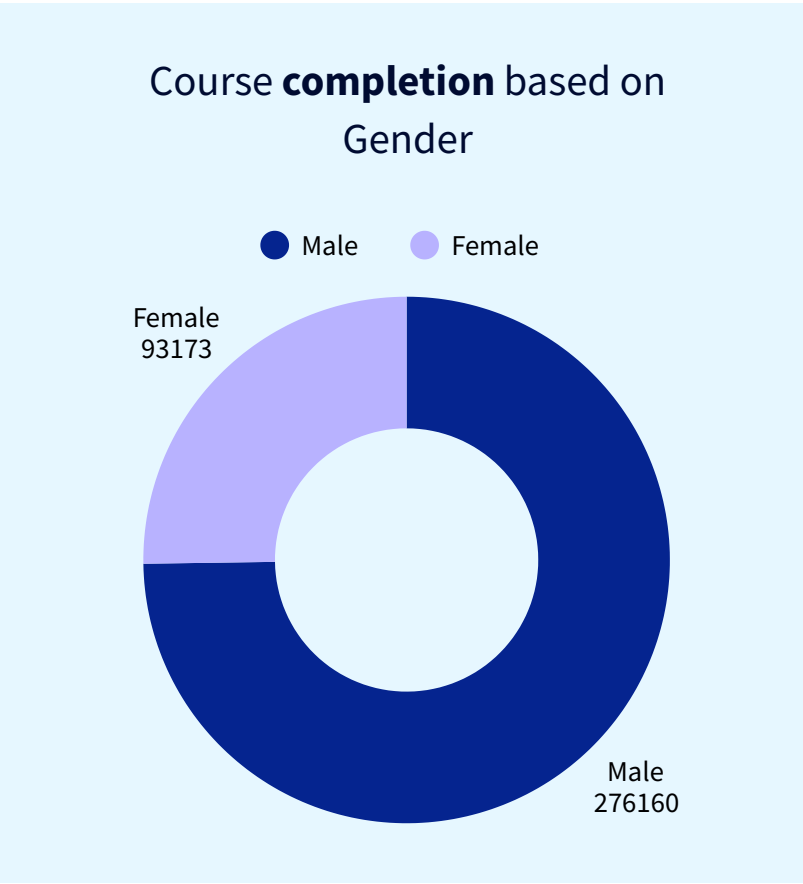
Coursera Global Job Skills Report 2025

| Rank | Domain |
|------|--|
| 1. | GenAI |
| 2. | Human resources (HR) technology |
| 3. | Risk mitigation & control |
| 4. | Assertiveness |
| 5. | Threat management & modeling |
| 6. | Incident management & response |
| 7. | Stakeholder communications |
| 8. | Security information & event management (SIEM) |
| 9. | Business communication |
| 10. | Network planning & design |

DLSEI overall course completions

| Rank | Course Name | Count |
|------|--|-------|
| 1 | AI For Everyone | 10941 |
| 2 | How to write a research paper | 4948 |
| 3 | Work Smarter with Microsoft Excel | 3197 |
| 4 | Python for Data Science, AI & Development | 2964 |
| 5 | Supervised Machine Learning: Regression and Classification | 2317 |
| 6 | Foundations of Cybersecurity | 2239 |
| 7 | Programming for Everybody (Getting Started with Python) | 2186 |
| 8 | Foundations of Project Management | 2166 |
| 9 | Accelerate Your Job Search with AI | 2107 |
| 10 | What is Data Science? | 1916 |
| 11 | Foundations: Data, Data, Everywhere | 1898 |
| 12 | The World of Classroom Assessment and Testing | 1803 |
| 13 | Introduction to Front-End Development | 1695 |
| 14 | Generative AI: Prompt Engineering Basics | 1625 |
| 15 | Introduction to Software Engineering | 1590 |
| 16 | Foundations of Digital Marketing and E-commerce | 1570 |
| 17 | Play It Safe: Manage Security Risks | 1493 |
| 18 | Introduction to Artificial Intelligence (AI) | 1491 |
| 19 | Generative AI: Introduction and Applications | 1427 |
| 20 | Machine Learning with Python | 1325 |
| 21 | Connect and Protect: Networks and Network Security | 1303 |
| 22 | Statistical Analysis of Data for Researchers | 1302 |
| 23 | Project Initiation: Starting a Successful Project | 1241 |
| 24 | Advanced Learning Algorithms | 1236 |
| 25 | Getting Started with Microsoft Excel | 1218 |

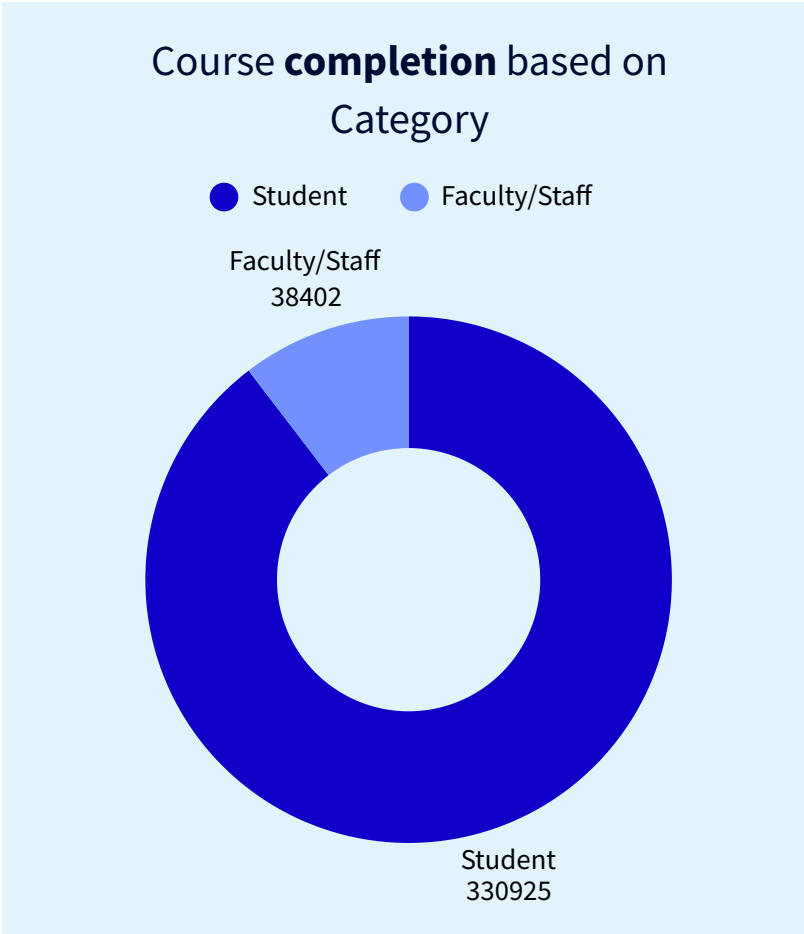
[View Details](#) >>



DLSEI course completions based on Universities

| Rank | University Name | Count |
|------|---|-------|
| 1 | Virtual University of Pakistan, Lahore | 41078 |
| 2 | NUST, Rawalpindi/Islamabad | 11594 |
| 3 | COMSATS University Islamabad | 11506 |
| 4 | NUCES, Islamabad | 10292 |
| 5 | University of the Punjab, Lahore | 8895 |
| 6 | University of Engineering & Technology, Peshawar | 7780 |
| 7 | University of Agriculture, Faisalabad | 7769 |
| 8 | Bahria University, Islamabad | 7323 |
| 9 | University of Sargodha, Sargodha | 7188 |
| 10 | Air University, Islamabad | 6457 |
| 11 | NUML, Islamabad | 6400 |
| 12 | University of Central Punjab, Lahore | 6126 |
| 13 | University of Engineering & Technology, Lahore | 5395 |
| 14 | University of Karachi, Karachi | 5347 |
| 15 | University of Engineering & Technology, Taxila | 5316 |
| 16 | University of Sindh, Jamshoro | 5150 |
| 17 | NED University of Engineering & Technology, Karachi | 5082 |
| 18 | Abdul Wali Khan University, Mardan | 5063 |
| 19 | University of Lahore, Lahore | 4904 |
| 20 | Islamia University, Bahawalpur | 4896 |
| 21 | Quaid-i-Azam University, Islamabad | 4863 |
| 22 | Government College University, Faisalabad | 4721 |
| 23 | Bahauddin Zakariya University, Multan | 4714 |
| 24 | International Islamic University, Islamabad | 4597 |
| 25 | University of Management & Technology, Lahore | 4269 |

View Details >>



05

Custom Course Authoring Program

The Coursera Course Authoring Program (CCAP) is an initiative under the DLSEI program designed to develop locally authored Coursera courses in collaboration with Pakistani universities.

During the first year of DLSEI 3.0, eight courses were developed by universities across Pakistan, achieving strong enrollments and high completion rates. These locally developed courses reflect students’ authentic interests and learning preferences, benefiting DLSEI learners while also enabling universities to integrate their own courses into their academic programs.

| Course Name | Course Domain | Developed By | Course Instructor | Enrollments | Completions |
|--|------------------|--|--|-------------|-------------|
| How to Write a Research paper | Business | The University of Faisalabad | Muhammad Farooq Akhtar | 6899 | 4948 |
| The World of Classroom Assessment and Testing | Social Sciences | University of education | Dr. Qudsia Fatima | 2214 | 1803 |
| Statistical Analysis of Data for Researchers | Data Science | University of Engineering and Technology, Peshawar | Dr. Safdar Nawaz Khan Marwat | 1741 | 1302 |
| IoT for Everyone | IT | University of Engineering and Technology, Peshawar | Dr. Safdar Nawaz Khan Marwat, Dr. Muhammad Imran Ahmad, Masuda Ahmad | 1379 | 1140 |
| Basics of Management | Business | Mir Chakar Khan University | Misbah Haque | 586 | 431 |
| Suicidality & Psychological Aid in Context of Pakistan | Health | National University Of Medical Sciences (NUMS) | Prof. Dr. Shazia Khalid, Saira Javed | 578 | 386 |
| QuickStart: From Algorithm Design to Working Prototype | Computer Science | University of Engineering and Technology, Peshawar | Dr. Safdar Nawaz Khan Marwat, Dr. Muhammad Imran Ahmad | 500 | 310 |
| Coping with Anxiety and Fear | Health | GC Women University Faisalabad | Dr. Riffat Sadiq | 491 | 166 |

06

HEI's Experience with DLSEI

Universities utilized Coursera courses provided by HEC in alternative ways - such as credit hours, Final Year Projects (FYPs), quizzes, and assignments, based on their own discretion.

In addition to Coursera course authoring for the development of locally developed courses, universities also leveraged Coursera as a digital education platform to deliver learning opportunities to their students.

Institute of Space Technology, Islamabad



Focal person: **Faran Mahmood**

At our institution, the DLSEI program evolved from a supplementary resource into a core component of the academic ecosystem. By aligning Coursera's global curriculum with internal degree requirements, we strengthened students' technical readiness and enhanced faculty pedagogical capacity.

DLSEI supported multidisciplinary Final Year Projects by enabling students to access courses not offered locally. Junior faculty leveraged Coursera for structured course design and instructional improvement. Additionally, senior students enhanced employability by validating power skills alongside academic qualifications.

The DLSEI cohort demonstrated that online learning effectively complements and amplifies traditional education models.

Karakoram International University, GB



Focal person: **Zaigham Ali**

I would like to share my experience with Coursera and its integration into my teaching practice. I have personally completed nearly 20 Coursera certifications in digital skills, research, teaching methodologies, and AI in education. This continuous learning enhanced my teaching confidence and helped align my course content with global standards.

As a postgraduate faculty member, I integrated Coursera short courses into coursework through e-assignments, allocating marks and requiring certificate submission. The initiative increased student motivation, encouraged independent enrollments, and fostered peer learning. Several students completed multiple certifications, with one earning a PMP. I strongly recommend continuing and scaling this practice to enhance employability and promote lifelong learning.

National University of Medical Sciences





Focal person: **Zerbab Naeem**

Coursera courses were integrated as a mandatory component of PhD coursework to fulfill credit-hour requirements of the doctoral program. Approximately 10% weightage was assigned, and all PhD students in the NUMS Department of Psychology were required to complete at least one Coursera course.

This contribution supported fulfillment of the prescribed 1,800 instructional hours for the PhD program. Additionally, the NUMS Coursera Course Authoring Team, particularly course facilitators, encouraged students from diverse academic backgrounds to enroll in the course Suicidality and Psychological Aid in the Context of Pakistan. Participants were requested to provide structured feedback, which was used to refine and improve future course offerings.

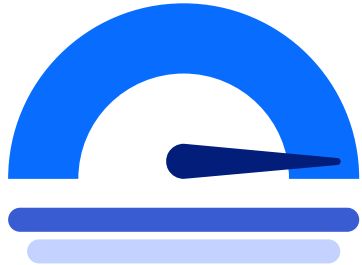
HEI’s Experience with DLSEI

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| <div><div><div>PIDE, Islamabad</div><div><div>Pakistan Institute of Development Economics PIDE</div></div></div><div><div><div>Instructor: Amena Urooj</div><div><p>My engagement with Coursera has been long-standing, beginning in 2014, during which I completed multiple courses and specializations in data analytics, programming languages, data science, machine learning, and communication skills. I have applied these competencies in self-learning as well as in teaching across all academic levels. Coursera has enabled continuous professional development by providing access to emerging global disciplines such as artificial intelligence, sustainability, data analytics, and digital pedagogy.</p><p>It has also supported faculty training in modern pedagogical approaches, outcome-based education, and innovative assessment methods. Additionally, Coursera enhances research capacity through training in research methods, statistical tools, and grant development. The HEC fee-waiver program has been highly effective and should be continued.</p></div></div></div></div> | <div><div><div>University of Central Punjab, Lahore</div><div><div>University of Central Punjab</div></div></div><div><div><div>Instructor: Bilal Sarwar</div><div><p>I am pleased to share how selected Coursera certifications were integrated into my courses to enhance teaching effectiveness and student learning outcomes. I completed certifications in Understanding Financial Statements (University of Illinois Urbana-Champaign), Management and Financial Accounting (Macquarie University), and FinTech Foundations and Overview (HKUST).</p><p>The knowledge gained was incorporated into Financial Accounting and Fundamentals of Accounting and Finance courses, improving explanations of financial statements and their interpretation through real-world examples. Contemporary FinTech and digital transformation concepts were added to link core accounting principles with industry practices. These integrations strengthened quizzes, discussions, and applied assignments, significantly enhancing student engagement and understanding.</p></div></div></div><div><div><div>Instructor: Dr. Anam Fazal</div><div><p>I completed Coursera courses in FinTech, RegTech, and Blockchain as part of my professional development. Despite a technical issue preventing completion of the Blockchain course project, the acquired knowledge was effectively integrated into classroom teaching and applied in supervising a Final Year Project focused on developing a decentralized application (dApp). Course materials were systematically organized into structured lectures and converted into student-friendly handouts using AI tools, followed by careful language refinement. Key concepts were incorporated into teaching to ensure clarity and academic rigor.</p><p>This approach provided students with high-quality, internationally aligned content, strengthening conceptual understanding and competence in emerging areas such as blockchain and financial technologies.</p></div></div></div><div><div><div>Instructor: Dr. Muhammad Salman</div><div><p>During 2025, under the HEC–DLSEI program, Coursera evolved from a standalone learning platform into a practical academic tool integrated across teaching, research, and faculty development. Coursera courses were embedded into Final Year Projects and research, enabling students to directly apply skills in AI, data science, cloud computing, and digital technologies, resulting in improved project quality, confidence, and industry alignment. Selected modules were also incorporated into quizzes and assignments, promoting applied learning, critical thinking, and higher engagement.</p><p>Additionally, Coursera supported faculty professional development and co-curricular activities, fostering a culture of continuous learning. Overall, DLSEI enabled globally benchmarked, application-oriented learning, strengthening academic quality and future readiness.</p></div></div></div></div> |
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HEI’s Experience with DLSEI

University Focal Persons

70 responses

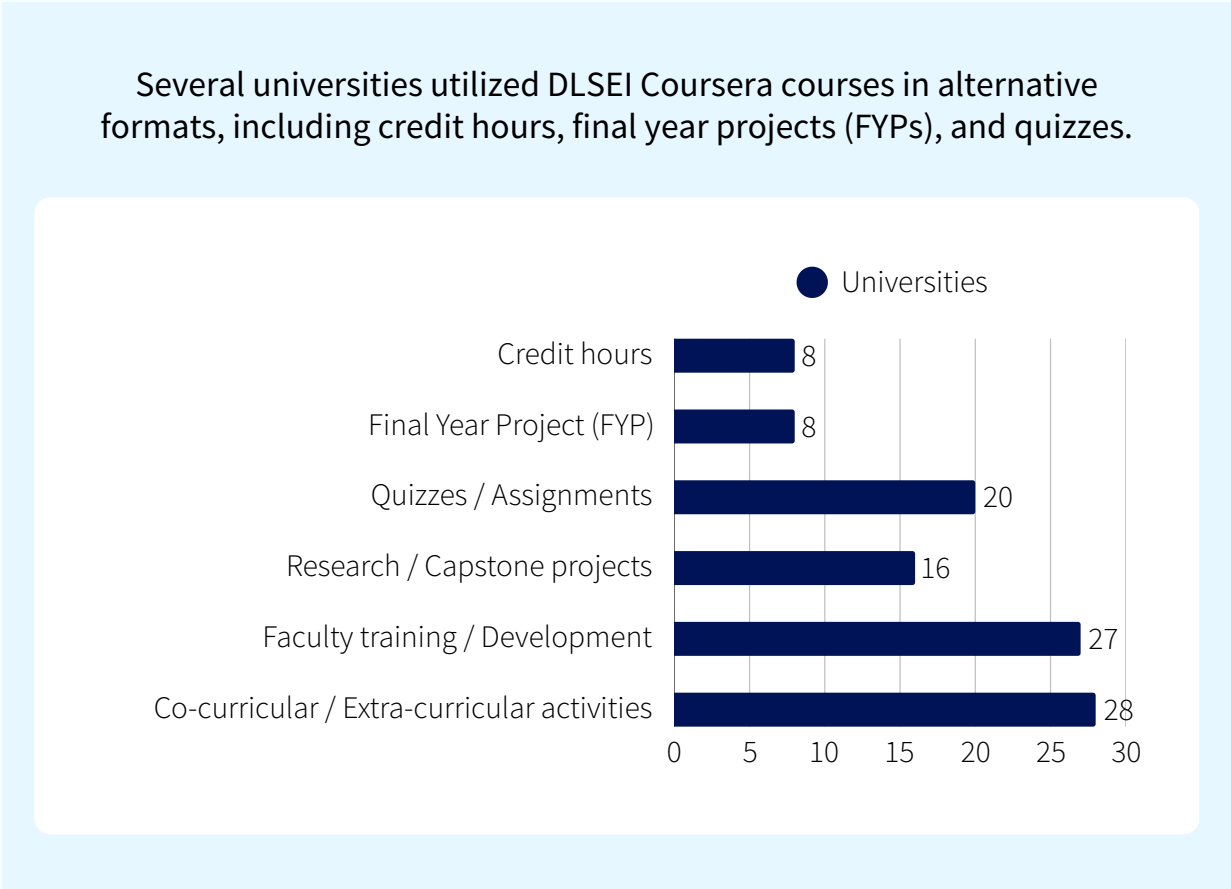


97.1%

universities are satisfied with the overall performance of DLSEI 3.0

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Amna Khawar Chishti

Program Manager, Learning Innovation Center
University of Central Punjab

As Program Manager at the Learning Innovation Center, UCP, and DLSEI–Coursera focal person for three years, I have seen its transformative impact. Coursera has enhanced my professional skills and enabled me to mobilize thousands of students, faculty, and staff. This initiative is a vital tool for sustained skill development, preparing Pakistan’s youth and professionals for the global workforce.

07 DLSEI 3.0 Learner Feedback

A survey was conducted across both Cohort 1 and Cohort 2 to capture learner experiences with the DLSEI program.

A total of 19,663 responses were received from approximately 60,000 learners. Of these respondents, 15,016 were students, 2,287 were faculty/staff, and 2,360 were university graduates.

Students
19,663 responses



98.85%
students reported that Coursera courses aligned with their academic interests and career goals.

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Students
19,663 responses



77.9%
students reported applying the knowledge or skills gained through the courses in their coursework, internships, or projects.



Ghulam Ullah
BS Public Health
Virtual University of Pakistan,
Lahore

Enrolling in DLSEI Cohort 2 through Coursera has strengthened my technical knowledge, sharpened my analytical skills, and enhanced my ability to apply global best practices in real-life situations. It expanded my learning opportunities, boosted my confidence, and inspired continuous personal and professional growth.



Zainab Hiba
Doctor of pharmacy
The Women University
Multan

Being part of the DLSEI Cohort 2 program was a valuable learning experience. I developed skills in communication, resume writing, industrial pharmacy, and event management, supporting both personal and professional growth. The program's structured approach and continuous support kept me motivated and focused, built my confidence, refined my abilities, and prepared me for future learning and career opportunities.

Freelancers

668 responses



72.4%

reported that Coursera helped them build the skills needed to attract and satisfy clients.

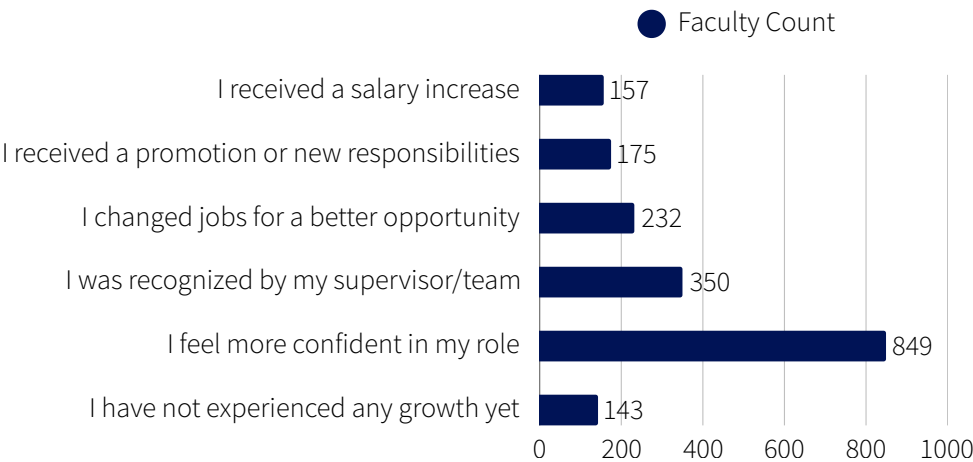
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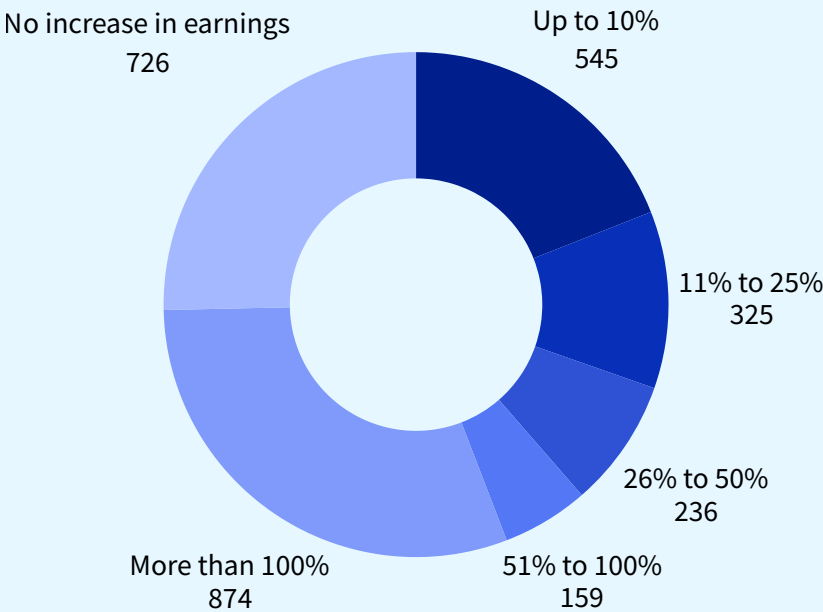
Employed

1,906 employed learners gained professional growth and employment after completing Coursera courses



Employed - Freelancers

2,215 responses



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Raja Sadaan Abbas

BBA Student
Virtual University of Pakistan,
Lahore

As a BS Business Administration student after completing my ADP, the HEC-DLSEI program strengthened my foundation in business and management. Through DLSEI, I earned 100+ certifications, including 20+ specializations, supporting my UK OTHM Level 6 and 7 qualifications. These achievements helped me secure a job offer from Shell Oil and Gas in Qatar. I am grateful to HEC and DLSEI for this opportunity.

“



Sayyeda Hoor Khisro

BS Social Sciences
Institute of Management
Sciences, Peshawar

DLSEI's Coursera license significantly transformed my professional journey. The course enhanced my skills and enabled me to earn approximately PKR 100,000 within three months by applying practical knowledge. It strengthened my resume, boosted my confidence, and opened new opportunities. The flexible learning structure made balancing studies easy while gaining industry-recognized certification. I am grateful to DLSEI for this impactful learning experience.

Faculty

2,287 responses



85.5%

reported that Coursera courses were very closely aligned with their academic and teaching interests.

Faculty

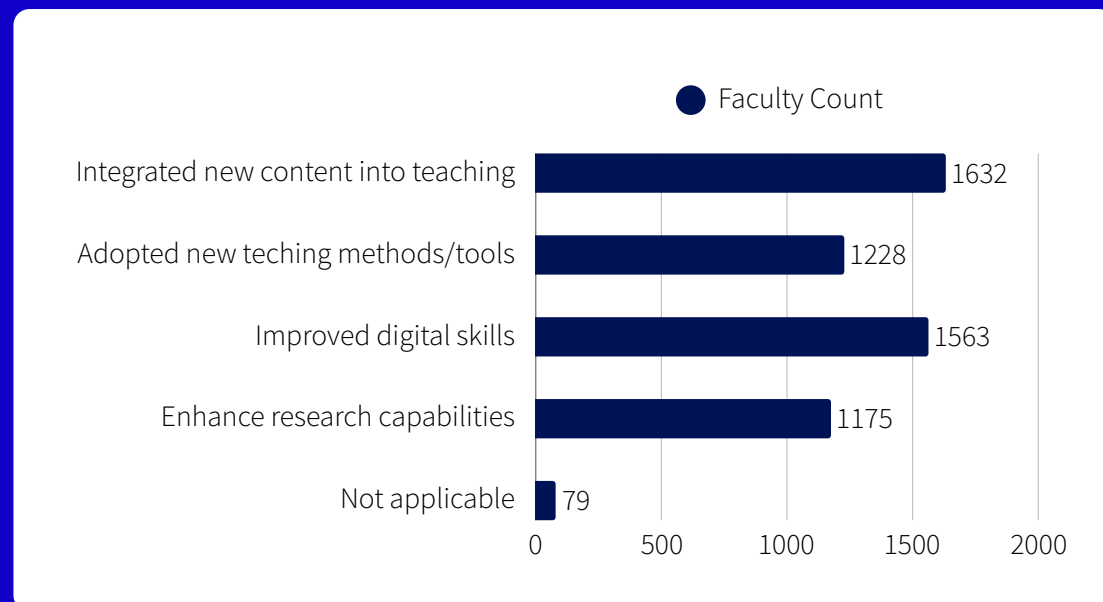
2,287 responses



87.75%

indicated that the Coursera DLSEI program contributed to their continuous professional development.

Impact of Coursera Courses on the Teaching and Research Practices of 2,287 Faculty Members



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Muhammad Mehran Bashir
Faculty Member
MNS UET Multan

I initially faced challenges teaching Artificial Intelligence at the graduate level. Through Coursera, I was able to strengthen my conceptual understanding and gain hands-on experience via guided projects, which significantly enhanced my AI skills. As a result, I now teach the course more effectively, with greater student engagement in practical, hands-on AI activities. This impact is credited to the HEC's DLSEI initiative



M Zunnurain Hussain
Assistant Professor
Bahria University Lahore Campus

Through the DLSEI Coursera license, I achieved a milestone of completing 3,000 certifications. This learning journey significantly enhanced my skills, broadened my career opportunities, and strengthened my confidence through continuous upskilling. DLSEI provided access to high-quality courses that supported both my professional growth and personal development. I am grateful to DLSEI and Coursera for enabling this transformative learning experience.

08

DLSEI 3.0 Promotional Activities

To implement the DLSEI program, multiple platforms were utilized to engage students and faculty, disseminate project information, and promote effective use of the licenses. Communication and outreach strategies included social media, digital channels, print media, and in-person engagements.

The primary objective was to ensure nationwide reach across Pakistan and maximize applications. In addition to pre-launch outreach, post-launch campaigns were conducted to sustain learner engagement and encourage optimal utilization of program benefits.

21 webinars were conducted to provide students with pre-learning and post-learning guidance.



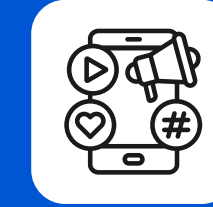
Over 6,000 brochures were distributed and displayed on university notice boards to raise awareness.



A launch event was held at HEC Islamabad in November 2024 to mark the Year 1 launch of DLSEI 3.0.



More than 1,000 posts were published on FB, Insta, and WA channels to promote awareness and learner motivation.



8 webinars were scheduled to guide university focal persons on program governance and implementation.



Top learner success stories were published on social media to inspire others to make the most of the free learning opportunity

