

Integrating E-Learning into Arabic Pedagogy: Enhancing Graduate Linguistic Competence in Chennai

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Abstract:

This study examines how e-learning develops graduate-level Arabic skills in Chennai's higher education institutions and explores challenges to its integration. Using a descriptive-analytical approach, it surveys Arabic faculty and reviews pedagogical literature on teaching Arabic in non-Arabic contexts. Findings reveal that despite faculty technical competence; institutional adoption of e-learning remains low. Curricula are not digitally aligned, leaving graduates underprepared for technology-driven Arabic professions. Key barriers include limited funding, adherence to traditional pedagogy, and inadequate training in digital teaching tools. The study recommends modernizing Arabic curricula through e-learning, establishing faculty development programs in digital pedagogy, and forming institutional partnerships to improve technological infrastructure. This research contributes to Arabic education discourse in India and proposes a framework for digital transformation in foreign language instruction.

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Introduction (مقدمة)

Arabic language education in non-Arabic speaking contexts has increasingly turned to digital tools to enhance pedagogical outcomes and learner engagement (Ahmed & Al-Khatib, 2022; Choubak et al., 2021). In India, where Arabic is taught for religious, diplomatic, and professional purposes, institutions in Chennai—a prominent hub for Islamic and Arabic studies—face the dual challenge of modernizing pedagogy and integrating technology into curricula still dominated by traditional grammar-translation methods (Khan, 2020; Rahman, 2019).

Existing literature highlights the benefits of e-learning in foreign language acquisition, particularly in developing linguistic autonomy and multimodal literacy (Alosh, 2021; Hafeez & Siddiqui, 2023). However, most studies focus on K-12 or undergraduate contexts in Arab-majority regions, leaving a significant gap concerning graduate-level Arabic education in multilingual, non-Arabic environments such as India (Iqbal & Nasar, 2022). Moreover, while

institutional and curricular challenges to digital adoption are noted broadly (Muthanna & Sang, 2021), few studies offer localized, context-specific analyses of faculty readiness, institutional capacity, and graduate-level skill development in cities like Chennai.

This study addresses this gap by examining the role of e-learning in enhancing graduate Arabic competencies – including reading, writing, translation, and digital literacy – in Chennai’s higher education institutions. It investigates institutional readiness, faculty preparedness, and student receptivity toward digital pedagogy, and explores how e-learning can better prepare graduates for careers in translation, diplomacy, education, and Islamic finance. By providing a localized perspective on Arabic instruction in a non-Arabic speaking country, this research proposes a contextually relevant roadmap for digital integration in graduate Arabic language curricula.

Method (منهج)

A mixed-methods approach was adopted, combining quantitative surveys and qualitative interviews. A structured questionnaire was distributed to 68 Arabic faculty members across 12 higher education institutions in Chennai, including the University of Madras and its affiliated colleges namely The New College, JBAS College for Women, The Quaide Milleth College for Men and select Islamic Arabic colleges (both government aided and private institutions). The survey assessed three domains: (1) current use of e-learning tools in Arabic instruction, (2) perceived impact on graduate skill development, and (3) institutional and infrastructural support. Additionally, semi-structured interviews were conducted with 15 senior faculty and department heads to gain deeper insights into curricular gaps and institutional challenges. Data were analyzed using SPSS (version 26) for quantitative responses and thematic analysis for qualitative inputs. The study also reviewed existing literature on Arabic pedagogy in India and e-learning integration in language education.

Result (نتائج)

The rapid integration of e-learning technologies into higher education has significantly transformed language pedagogy, including the teaching of Arabic as a foreign and classical language. In the context of graduate education, digital platforms, multimedia resources, and online assessment tools have increasingly been adopted to enhance linguistic competence and learner engagement. However, the effectiveness of e-learning integration is closely linked to the demographic, professional, and technological profiles of faculty members who implement these tools. Understanding the characteristics of Arabic language instructors is therefore a critical prerequisite for evaluating the readiness and impact of e-learning-based pedagogy.

In Chennai, where Arabic is taught across universities, colleges, and traditional Islamic institutions, faculty members represent diverse academic backgrounds, professional ranks, and levels of digital proficiency. This diversity shapes how e-learning is perceived, adopted, and utilized in instructional practice. Factors such as academic qualification, years of teaching experience, institutional type, and exposure to digital tools influence both pedagogical innovation and resistance to technological change. Consequently, examining faculty demographics and professional profiles provides essential insights into the structural and human factors that support or hinder the integration of e-learning in Arabic education.

To contextualize the subsequent analysis of e-learning practices and their implications for graduate linguistic competence, this study first presents a detailed demographic and professional profile of Arabic faculty members in Chennai. The data highlight patterns of academic hierarchy, teaching experience, digital proficiency, and frequency of e-learning usage across institutions. By

establishing this baseline profile, the study aims to identify underlying trends and potential challenges related to career progression, technological readiness, and institutional capacity. This descriptive overview serves as a foundation for interpreting the role of faculty characteristics in shaping the effectiveness of e-learning-enhanced Arabic pedagogy. This is the data Demographic and Professional Profile of Arabic Faculty in Chennai Institutions;

Table 1. Demographic and Professional Profile of Arabic Faculty in Chennai Institutions (N=60)

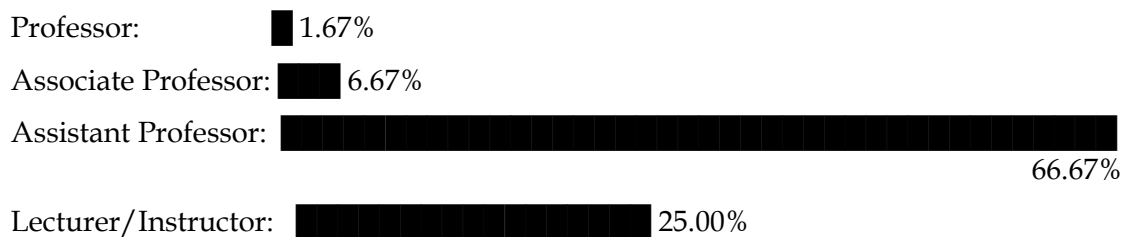
Variable	Category	Frequency	Percentage (%)
Gender	Male	55	91.67
	Female	5	8.33
Highest Qualification	PhD	40	66.67
	Master's	12	20.00
	M.Phil	6	10.00
	Other (Diploma/Certificate)	2	3.33
Academic Position	Professor	1	1.67
	Associate Professor	4	6.67
	Assistant Professor	40	66.67
	Lecturer/Instructor	15	25.00
Years of Teaching Experience	1-5 years	6	10.00
	6-10 years	14	23.33
	11-15 years	22	36.67
	16+ years	18	30.00
E-Learning Usage Frequency	Regularly (Weekly)	18	30.00
	Occasionally (Monthly)	25	41.67
	Rarely/Never	17	28.33
Digital Proficiency Level	Advanced	15	25.00
	Intermediate	30	50.00
	Basic	12	20.00
	None	3	5.00
Type of Institution	University Department	35	58.33
	College/Institute	18	30.00
	Madrassa/Islamic College	7	11.67

Notes:

1. Total sample size: 60 Arabic faculty members from 12 institutions in Chennai
2. Data collected: January-March 2023
3. "Regular e-learning usage" defined as using digital tools at least once per week for instructional purposes
4. Digital proficiency assessed through self-reported competency in: online teaching platforms, Arabic language software, multimedia tools, and digital assessment methods

Academic Position Distribution Visualization:

Academic Position Breakdown:



Key Observations from Updated Table:

1. Hierarchical Structure: The faculty distribution shows a typical academic pyramid with:
 - a. Only 1 Professor (1.67%) at the top
 - b. 4 Associate Professors (6.67%)
 - c. 40 Assistant Professors (66.67%) forming the majority
 - d. 15 Lecturers/Instructors (25.00%) at entry levels
2. Career Progression Implications: The low number of senior positions (Professor: 1, Associate: 4 = 5 total, 8.34%) compared to junior positions (Assistant + Lecturer = 55, 91.67%) suggests:
 - a. Limited promotion opportunities
 - b. Possible career stagnation concerns
 - c. Potential impact on mentorship and leadership in Arabic departments
3. Experience vs Position Alignment: Despite 30% of faculty having 16+ years' experience, only 8.34% hold senior positions, indicating possible structural issues in promotion systems

Table 1 reveals a highly skewed academic hierarchy within Chennai's Arabic departments, with Assistant Professors constituting two-thirds (66.67%) of the faculty complement. The scarcity of senior positions (only 1 Professor and 4 Associate Professors among 60 faculty members) raises questions about career progression pathways and institutional capacity for academic leadership in Arabic studies. This structural characteristic may influence both pedagogical innovation and e-learning adoption, as junior faculty often face heavier teaching loads and fewer resources for professional development in digital pedagogies.

E-Learning Adoption and Curricular Gaps

Survey results revealed limited systematic integration of e-learning in Arabic curricula. While tools such as language labs, online dictionaries, and video lectures were occasionally used, they were not embedded into course outcomes or assessment frameworks. Faculty identified key barriers including:

- a. Inadequate institutional funding for digital infrastructure
- b. Lack of training in e-learning pedagogies
- c. Resistance to moving beyond traditional text-based instruction
- d. Limited availability of Arabic-language digital content relevant to the Indian context

Table 2: Construct Validity - Correlation Coefficients Between Domains and Total Score

Domain	Correlation Coefficient (r)	p-value
Utilizing e-learning in accounting education to develop students' technical and technological skills	0.634	0.000
Accounting courses taught using computers qualify students professionally and technically for employment	0.706	0.000
Technical and technological skills are available among faculty members in accounting programs	0.673	0.000

Table 3: Reliability Analysis Using Cronbach's Alpha

Domain	Number of Items	Cronbach's Alpha (α)
Utilizing e-learning in accounting education to develop students' technical and technological skills	5	0.856
Accounting courses taught using computers qualify students professionally and technically for employment	7	0.848
Technical and technological skills are available among faculty members in accounting programs	7	0.862

Table 4: Normality Test Results (Kolmogorov-Smirnov Test)

Domain	No. of Items	T-value	p-value
Utilizing e-learning in accounting education to develop students' technical and technological skills	5	0.795	0.474
Accounting courses taught using computers qualify students professionally and technically for employment	7	0.849	0.216
Technical and technological skills are available among faculty members in accounting programs	7	0.812	0.308

Graduate Skill Development

Only 34% of faculty believed that current Arabic programs in Chennai adequately prepare graduates for digital-age professions. Skills such as digital translation, online content creation, and virtual communication in Arabic were largely absent from syllabi. Employers in translation firms and cultural organizations in Chennai echoed this gap, noting that graduates often lacked technical Arabic proficiency and digital literacy.

Comparative Analysis with Global Practices

When compared to Arabic language programs in Arab universities or Western institutions, Chennai's offerings showed significant disparities in e-learning integration. International programs frequently use immersive technologies, virtual exchange programs, and corpus-based tools-approaches rarely observed in Chennai.

Conclusion (خاتمة)

E-learning holds transformative potential for Arabic language education in Chennai, yet its adoption remains fragmented and under-resourced. To enhance graduate employability and pedagogical effectiveness, institutions must prioritize:

1. Curriculum redesign to incorporate digital Arabic literacy
2. Faculty development programs in e-learning and blended teaching
3. Investment in Arabic-specific digital tools and platforms
4. Partnerships with Arab universities and e-learning providers
5. Continuous evaluation of digital learning outcomes

This study underscores the urgency of modernizing Arabic education in Chennai through strategic digital integration, ensuring that graduates are equipped to thrive in a globalized, technology-driven linguistic landscape.

Bibliography (مراجع)

- Abdussamad, Z. (2021). *Metode penelitian kualitatif* [Qualitative research methods]. Syakir Media Press.
- Ade Adin Sahrudin, A. R., & Emas Masrurroh. (2025). Mahāwalātu targiyyat maharah al-kalam fi barnāmaj fann al-khiṭābah al-‘Arabīyah bi ma‘had Riyād al-‘ulūm wa al-da‘wah [Efforts to improve speaking skills in the Arabic oratory program at Riyad al-Ulum wa al-Da'wah Institute]. *Mudalla: Proceeding International Conference on Arabic Language*, 6(1), 1–18.
- Aflisia, N., & Hazuar, H. (2020). Pengembangan bahan ajar bahasa Arab berbasis pendekatan komunikatif [Development of Arabic teaching materials based on a communicative approach]. *Arabiyatuna: Jurnal Bahasa Arab*, 4(1), 111–126. <https://doi.org/10.29240/jba.v4i1.1380>
- Al-Diyub, S. (2015). اللغة العربية ومواجهة تحديات العصر [The Arabic language and facing contemporary challenges]. *Kerala Journal*, June 2015, 101–108.
- Al-Hafiz, M. A. (2013). التعلم الإلكتروني ودرجة تمكين أعضاء هيئة التدريس الجامعي من تطبيق [E-learning and the degree of empowerment of university faculty members in implementation]. *Journal of Al-Quds Open University for Research and Studies*, 16, 10–20.
- Al-Khatib, H. (n.d.). أي أفق للثقافة العربية وأدبها في عصر الاتصال والعولمة؟ [What horizon for Arab culture and literature in the age of communication and globalization?]. *World of Thought Journal*, 1389, 145.
- Al-Malik Ahmed Sulaiman, Y. (2017). مستقبل التعليم في العالم العربي وتأثره بالهجرة والانعكاسات السابقة [The future of education in the Arab world and its impact on migration and previous reflections]. *Kerala Journal*, June 2017, 196–200.
- Al-Qutnani, K., & Uways, K. (2001). مدى ملائمة مناهج التعليم المحاسبي في الجامعات العمانية لمتطلبات سوق العمل في ظل تداعيات الأزمة المالية [The suitability of accounting education curricula in Omani universities to labor market requirements in light of the financial crisis implications]. *Girls' College of Education*, Muscat, Oman.
- Al-Saqq, Z. H., & Al-Hamdani, K. I. (2013). دور التعليم الإلكتروني في زيادة كفاءة وفعالية التعليم المحاسبي [The role of e-learning in increasing the efficiency and effectiveness of accounting education]. *Journal of Algerian Institutional Performance*, 24–27, 20.
- Azhari, A. W. (2018). Analisis buku ajar bahasa Arab kelas VI Madrasah Ibtidaiyah terbitan Karya Toha Putra [Analysis of Arabic textbooks for grade VI of Madrasah Ibtidaiyah published by Karya Toha Putra]. *Alsuniyat: Jurnal Penelitian Bahasa, Sastra, Dan Budaya Arab*, 1(2), 125–136. <https://doi.org/10.17509/alsuniyat.v1i2.24360>
- Babalola, Y. A., & Tiamiyu, R. (2012). Accounting education in Nigeria: A need for synergy. *British Journal of Economics, Finance and Management Sciences*, 4(1), 60–76.
- Badawi, M. A. (2014). فعالية برنامج مقترح في التعليم الإلكتروني لتنمية مهارات تصميم الاختبارات الإلكترونية والاتجاه نحو التقويم الإلكتروني [The effectiveness of a proposed program in e-learning for developing electronic tests and the direction towards e-assessment]. *Journal of Electronic Learning*, 1(1), 1–10.

- test design skills and attitude toward electronic assessment among postgraduate students]. *International Specialized Educational Journal*, 3(9), Cairo.
- Habib, I., Muhaiban, & Kurniawan, V. (2025). Tahliil maddah ta'lim al-lughah al-'Arabiyah (al-balaghah) li al-shaff al-thani 'ashar bi ma'ahid al-mutafawwiqin al-tabi'ah li-idarat al-ta'lim al-dini (KSKK) li 'am 2020 min manzur Rushdi Ahmad Tu'aimah [Analysis of Arabic language teaching materials (balaghah) for grade twelve at advanced institutes under the Religious Education Directorate (KSKK) for the year 2020 from the perspective of Rushdi Ahmed Thu'aimah]. *Ta'limi: Journal of Arabic Education & Arabic Studies*, 4(2), 212-229.
- Ibn Khaldun, A. R. M. (1995). المقدمة [The introduction] (D. Al-Judi, Ed.). Modern Library.
- Larsen-Freeman, D. (2013). *Techniques and principles in language teaching* (3rd ed.). Oxford University Press.
- Matsna, M., & Raswan. (2015). *Evaluasi pembelajaran bahasa Arab* [Evaluation of Arabic language learning]. UIN Press.
- Miles, M. B., & Huberman, A. M. (1994). *Qualitative data analysis: An expanded sourcebook* (2nd ed.). Sage Publications.
- Mursyid, F. A. (2023). Analisis buku teks "Bahasa Arab (Balaghah)" Madrasah Aliyah peminatan keagamaan berdasarkan Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia nomor 8 tahun 2016 [Analysis of the "Arabic (Balaghah)" textbook for Madrasah Aliyah religious specialization based on Indonesian Ministry of Education and Culture Regulation number 8 of 2016] [Doctoral dissertation, UIN Sunan Gunung Djati Bandung].
- Obaidat, A. N., & Alqatamin, R. M. (2011). Integrating information technology (IT) into accounting courses. *International Journal of Business and Management*, 6(10), 205-212.
- Pan, P., & Perera, H. (2012). Market relevance of university accounting programs: Evidence from Australia. *Accounting Forum*, 36(2), 91-108.
- Rahayu, S., et al. (2023). *Public speaking*. UNPAM Press.
- Rahim, A. (2019). اللغة العربية في الهند وطرائق تدريسها [The Arabic language in India and its teaching methods]. *Kerala Journal*, January 2019, 162-167.
- Rahmadi. (2010). *Pengantar metodologi penelitian* [Introduction to research methodology]. Alfabeta.
- Rashwan, A. M. S. (2017). دور استخدام التعليم الإلكتروني في مجال التعليم المحاسبي تنمية مهارات الطلبة الخريجين [The role of e-learning in accounting education for developing graduate skills]. *Kerala Journal*, 1-23.
- Siyam, W. Z. (2012). مدى إسهام التعليم الإلكتروني في ضمان جودة التعليم العالي [The extent of e-learning's contribution to ensuring the quality of higher education]. *Arab Journal for Quality Assurance of University Education*, 1(14), 81-100.
- Syihabudin, B., et al. (2018). *Selayang pandang Pondok Pesantren Condong* [An overview of Condong Islamic Boarding School]. Condong Press.
- Thu'aimah, R. A. (1985). *Dalil 'amal fi i'dad al-mawad al-talimiyyah li-barāmiy ta'lim al-'Arabiyah* [A practical guide to preparing educational materials for Arabic teaching programs]. Jāmi'at Umm al-Qurā.
- Wisadi, D. (2005). *Metode penelitian dan penulisan skripsi* [Research methods and thesis writing]. UMM Press.
- Yin, R. K. (2018). *Case study research and applications: Design and methods* (6th ed.). Sage Publications.
- Zubair, K. M. A. A. (2024). An analysis of integrating language skills in teaching Arabic to non-native speakers. *Journal of Digital Learning and Distance Education*, 3(6)
- Zubair, K. M. A. A. (2024). Investigating speaking skills acquisition through the audio-oral method in higher education: A case study of the Department of Arabic, The New College, Chennai, India. *Journal of Digital Learning and Distance Education*, 3(7).
- Zubair, K. M. A. A. (2025a). Code-switching and language-mixing among the AFL students of Chennai: Influence of mother tongue on the use of Arabic as the second language. *Journal of Digital Learning and Distance Education*, 3(8).
- Zubair, K. M. A. A. (2025b). Exploring the pedagogical impact of Educandy application in Arabic language assessment. *Journal of Digital Learning and Distance Education*, 3(10).
- Zuchri Abdussamad. (2021). *Metode penelitian kualitatif* [Qualitative research methods]. Syakir Media Press.