

**PRE-SERVICE ENGLISH TEACHERS' PERCEPTIONS  
OF USING DIGITAL FLASHCARD AS VOCABULARY  
TEACHING MEDIA**

**THESIS**

Submitted in partial fulfillment of the requirements for the degree of  
Sarjana Pendidikan (S.Pd) in English Teaching



By

CARIZZA NAFTA AURA

NIM 06020521039

**ENGLISH LANGUAGE EDUCATION DEPARTMENT  
FACULTY OF TARBIYAH AND TEACHER TRAINING  
SUNAN AMPEL STATE ISLAMIC UNIVERSITY SURABAYA**

**2025**

## PERNYATAAN KEASLIAN TULISAN

Bahwa saya yang bertanda tangan di bawah ini:

Nama : Carizza Nafta Aura  
NIM : 06020521039  
Jurusan/Program Studi : Pendidikan Bahasa Inggris  
Fakultas : Tarbiyah dan Keguruan

Menyatakan bahwa dengan sebenar-benarnya bahwa skripsi dengan judul “*Pre-Service English Teachers’ Perceptions of Using Digital Flashcard as Vocabulary Teaching Media*” merupakan hasil karya sendiri, bukan merupakan pengambil-alihan tulisan atau pemikiran orang lain. Segala materi yang diambil dari karya orang lain hanya digunakan sebagai acuan dengan mengikuti tata cara dan etika penulisan karya ilmiah yang ditetapkan oleh jurusan.

Surabaya, 26 Mei 2025  
Pembuat Pernyataan,



**Carizza Nafta Aura**  
**NIM. 06020521039**

## ADVISOR APPROVAL SHEET

This thesis by Carizza Nafta Aura with the title "*Pre-Service English Teachers' Perceptions of Using Digital Flashcard as Vocabulary Teaching Media*" had been approved by thesis advisors by further approval by the Boards of Advisor.

Surabaya, 21 Mei 2025

Advisor I



**Dr. Irma Soraya, M.Pd**  
NIP. 196709301993032004

Advisor II



**Drs. Muhtarom, M.Ed, Gred, Dip.Tesol**  
NIP. 196512201992031005

## EXAMINER APPROVAL SHEET

This thesis by Carizza Nafta Aura with the title "*Pre-Service English Teachers' Perceptions of Using Digital Flashcard as Vocabulary Teaching Media*" has been examined on June 17, 2025 and approved by the Boards of Examiners.

 Dean,  
Dr. H. Muhammad Thohir, S.Ag., M.Pd.  
197407251998031001

The Boards of Examiners  
Examiner I,



Dr. Irma Soraya, M.Pd  
NIP. 196709301993032004

Examiner II,



Drs. Muhtarom, M.Ed., Gred. Dip. Tesol  
NIP. 196512201992031005

Examiner III



Rakhmawati, M.Pd  
NIP. 197803172009122002

Examiner IV



Hilda Izzati Madjid M.A  
NIP. 198602102011012012



**KEMENTERIAN AGAMA  
UNIVERSITAS ISLAM NEGERI SUNAN AMPEL SURABAYA  
PERPUSTAKAAN**

Jl. Jend. A. Yani 117 Surabaya 60237 Telp. 031-8431972 Fax.031-8413300  
E-Mail: perpus@uinsby.ac.id

LEMBAR PERNYATAAN PERSETUJUAN PUBLIKASI  
KARYA ILMIAH UNTUK KEPENTINGAN AKADEMIS

Sebagai sivitas akademika UIN Sunan Ampel Surabaya, yang bertanda tangan di bawah ini, saya:

Nama : CARIZZA NAFTA AURA  
NIM : 06020521039  
Fakultas/Jurusan : TARBIYAH DAN KEGURUAN / PENDIDIKAN BAHASA INGGRIS  
E-mail address : carizzanaf20@gmail.com

Demi pengembangan ilmu pengetahuan, menyetujui untuk memberikan kepada Perpustakaan UIN Sunan Ampel Surabaya, Hak Bebas Royalti Non-Eksklusif atas karya ilmiah :

Sekripsi     Tesis     Desertasi     Lain-lain (.....)  
yang berjudul :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

beserta perangkat yang diperlukan (bila ada). Dengan Hak Bebas Royalti Non-Eksklusif ini Perpustakaan UIN Sunan Ampel Surabaya berhak menyimpan, mengalih-media/format-kan, mengelolanya dalam bentuk pangkalan data (database), mendistribusikannya, dan menampilkan/mempublikasikannya di Internet atau media lain secara *fulltext* untuk kepentingan akademis tanpa perlu meminta ijin dari saya selama tetap mencantumkan nama saya sebagai penulis/pencipta dan atau penerbit yang bersangkutan.

Saya bersedia untuk menanggung secara pribadi, tanpa melibatkan pihak Perpustakaan UIN Sunan Ampel Surabaya, segala bentuk tuntutan hukum yang timbul atas pelanggaran Hak Cipta dalam karya ilmiah saya ini.

Demikian pernyataan ini yang saya buat dengan sebenarnya.

Surabaya, 26 Mei 2025

Penulis

( **CARIZZA NAFTAAURA** )

## ABSTRACT

Carizza Nafta Aura (2025). *Pre-Service English Teachers of Using Digital Flashcard as Vocabulary Teaching Media*. A thesis. English Language Education Department, Faculty of Tarbiyah and Teachers Training, UIN Sunan Ampel Surabaya. Supervisor I: Dr. Irma Soraya M.Pd. Supervisor II: Drs, Muhtarom, Med, Gred, Dip.Tesol

Technology-based learning media is increasingly important in the current computer and internet era, such as teaching vocabulary with digital flashcards. It is expected that pre-service teachers have the ability to utilise technology in the teaching-learning process. The purpose of this study is to find out how pre-service English teachers perceive the use of digital flashcards as a tool for teaching vocabulary and find out its benefits. This study was conducted using a qualitative and case study approach. Data were collected through semi-structured interviews and observations of four pre-service teachers who used digital flashcards in their teaching activities. The results showed that pre-service teachers had a positive perception of the use of digital flashcards. They considered this media attractive, easy to use, and effective in improving students' vocabulary acquisition. The four aspects of perception identified include cognitive, affective, conative, and cooperation. Digital flashcards are seen as an efficient and adaptive tool in vocabulary teaching. Pre-service teachers showed high interest and motivation to continue using and recommending this medium in the future. These results suggest that there is a need for structured training in the use of digital media for pre-service teachers.

## ABSTRAK

Carizza Nafta Aura (2025). *Pre-Service English Teachers of Using Digital Flashcard as Vocabulary Teaching Media*. A thesis. English Language Education Department, Faculty of Tarbiyah and Teachers Training, UIN Sunan Ampel Surabaya. Supervisor I: Dr. Irma Soraya M.Pd. Supervisor II: Drs, Muhtarom, Med, Gred, Dip.Tesol

Media pembelajaran berbasis teknologi semakin penting di era komputer dan internet saat ini, seperti pengajaran kosakata dengan kartu flash digital. Diharapkan guru prajabatan, memiliki kemampuan untuk memanfaatkan teknologi dalam proses belajar-mengajar. Tujuan dari penelitian ini adalah untuk mengetahui bagaimana guru bahasa Inggris prajabatan melihat penggunaan kartu flash digital sebagai alat untuk mengajar kosakata dan mengetahui manfaatnya. Studi ini dilakukan dengan pendekatan kualitatif dan studi kasus. Data dikumpulkan melalui wawancara semi-terstruktur dan observasi terhadap empat guru prajabatan yang menggunakan kartu flash digital dalam kegiatan mengajar mereka. Hasil penelitian menunjukkan bahwa guru prajabatan memiliki persepsi positif terhadap penggunaan digital flashcard. Mereka menilai media ini menarik, mudah digunakan, dan efektif dalam meningkatkan penguasaan kosakata siswa. Empat aspek persepsi yang diidentifikasi meliputi kognitif, afektif, konatif, dan kerjasama. Digital flashcard dipandang sebagai alat yang efisien dan adaptif dalam pengajaran kosakata. Guru prajabatan menunjukkan minat dan motivasi tinggi untuk terus menggunakan serta merekomendasikan media ini di masa depan. Hasil ini menunjukkan bahwa perlunya pelatihan terstruktur dalam penggunaan media digital bagi calon guru.

## TABLE OF CONTENTS

PERNYATAAN KEASLIAN TULISAN	i
ADVISOR APPROVAL SHEET	ii
EXAMINER APPROVAL SHEET	iii
PUBLICATION SHEET	iv
MOTTO	v
DEDICATION SHEET	vi
ACKNOWLEDGMENT	vii
ABSTRACT	viii
ABSTRAK	ix
LIST OF TABLES	x
CHAPTER I	10
INTRODUCTION	10
A. Research Background	10
B. Research Questions	9
C. Objectives of the Research	9
D. Significance of the study	9
E. Scope and Limitation	10
F. Definition of key terms	11
CHAPTER II	14
LITERATURE REVIEW	14
A.	14B.
	30BAB III
	31
RESEARCH METHOD	31
A. Approach and Research Design	31
B. Subject and Settings of The Research	32
C. Data and Source Data	33
D. Data Collection Technique	34
E. Research Instruments	35

F. Analysis Data Technique	37
G. Trustworthiness	38
IV	40
FINDINGS AND DISCUSSION	40
A.	45B.
	73CHAPTER V
	82
CONCLUSION AND SUGGESTION	82
A.	82B.
	83REFERENCES
	85
APPENDICES	90
A. 91B. 93	



UIN SUNAN AMPEL  
S U R A B A Y A

## LIST OF TABLES

Table 1. Cognitive Aspect

Table 2. Affective Aspect

Table 3. Conative Aspect

Table 4. Collaboration Aspect

Table 5. Effective Vocabulary Acquisition

Table 6. Saving Time in Preparation

Table 7. Improving Student Engagement



UIN SUNAN AMPEL  
S U R A B A Y A

## REFERENCES

- Ahmadi, H.A. *Psikologi Umum*. Rineka Cipta, 1998.  
<https://books.google.co.id/books?id=3JUGzgEACAAJ>.
- Alnajjar, Marwa, and Billy Brick. "Student-Teachers' Beliefs Concerning the Usability of Digital Flashcards in ELT." In *Flipping the Blend through MOOCs, MALL and OIL – New Directions in CALL*, by Marina Orsini-Jones and Simon Smith, 67–74. Research-publishing.net, 2018.  
<https://doi.org/10.14705/rpnet.2018.23.792>.
- Amira, Tifalia Nur. "USING DIGITAL FLASHCARDS AS MEDIA IN TEACHING TO IMPROVE STUDENTS' VOCABULARY ACHIEVEMENT," n.d.
- Anderson, Lauren M., and Jamy A. Stillman. "Student Teaching's Contribution to Preservice Teacher Development: A Review of Research Focused on the Preparation of Teachers for Urban and High-Needs Contexts." *Review of Educational Research* 83, no. 1 (March 2013): 3–69.  
<https://doi.org/10.3102/0034654312468619>.
- Arslan, Kemal. "Teaching English Vocabulary: Innovative Methods." *CONTEMPORARY RESEARCH IN LANGUAGE AND LINGUISTICS (ISSN: 2980-2253)* 2, no. 1 (May 31, 2024). <https://doi.org/10.62601/crll.v2i1.26>.
- Asyhari, Ardian, and Helda Silvia. "Pengembangan Media Pembelajaran Berupa Buletin Dalam Bentuk Buku Saku Untuk Pembelajaran IPA Terpadu." *Jurnal Ilmiah Pendidikan Fisika Al-Biruni* 5, no. 1 (April 24, 2016): 1–13.  
<https://doi.org/10.24042/jpifalbiruni.v5i1.100>.
- Ata, Ridvan, and Kasim Yıldırım. "Exploring Turkish Pre-Service Teachers' Perceptions and Views of Digital Literacy." *Education Sciences* 9, no. 1 (February 15, 2019): 40. <https://doi.org/10.3390/educsci9010040>.
- Ayunin, Qurrota. "Students' Perception On The Use Of Flashcards In Teaching English Speaking Skill (A Case Study For The Sixth Grade Students Of Mi Al-Muhsinun)." Universitas Brawijaya, 2016.  
<http://repository.ub.ac.id/id/eprint/101979>.
- Azabdaftari, Behrooz, and Mohammad Amin Mozaheb. "Comparing Vocabulary Learning of EFL Learners by Using Two Different Strategies: Mobile Learning vs. Flashcards." *The EuroCALL Review* 20, no. 2 (September 29, 2012): 47.  
<https://doi.org/10.4995/eurocall.2012.11377>.

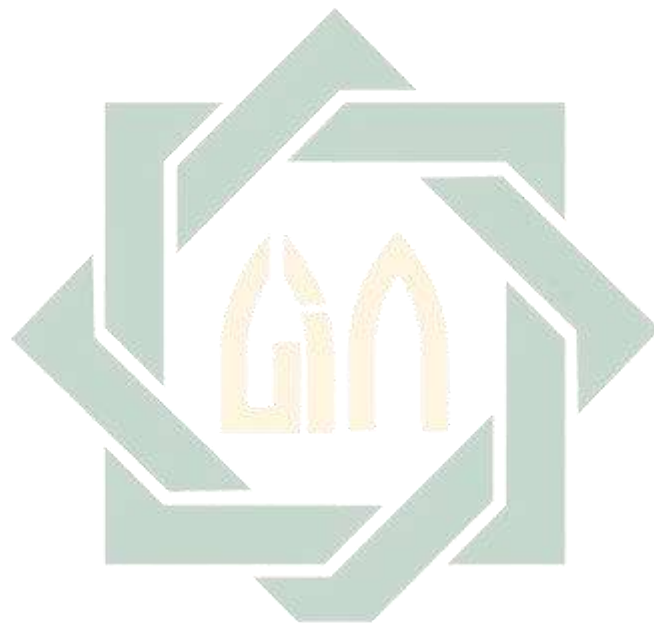
- Baron, Robert A., and Donn Erwin Byrne. *Social Psychology*. 10. ed., 2. print. Boston, Mass.: Allyn and Bacon, 2003.
- Bond, Melissa, Victoria I. Marín, Carina Dolch, Svenja Bedenlier, and Olaf Zawacki-Richter. “Digital Transformation in German Higher Education: Student and Teacher Perceptions and Usage of Digital Media.” *International Journal of Educational Technology in Higher Education* 15, no. 1 (December 2018): 48. <https://doi.org/10.1186/s41239-018-0130-1>.
- Byrd, David R, and Branden Lansing. “Electronic Flashcards inside the Classroom: Practical and Effective.” *D. R.*, 2016, 1–13.
- Chen, Ruo Wei, and Kan Kan Chan. “Using Augmented Reality Flashcards to Learn Vocabulary in Early Childhood Education.” *Journal of Educational Computing Research* 57, no. 7 (December 2019): 1812–31. <https://doi.org/10.1177/0735633119854028>.
- Chien, Chin-Wen. “PERCEPTION AND PRACTICE OF TAIWANESE EFL LEARNERS’ MAKING VOCABULARY FLASHCARDS ON,” 2013.
- Colbran, Stephen, Anthony Gilding, Samuel Colbran, Manuel Jose Oyson, and Nauman Saeed. “The Impact of Student-Generated Digital Flashcards on Student Learning of Constitutional Law.” *The Law Teacher* 51, no. 1 (January 2, 2017): 69–97. <https://doi.org/10.1080/03069400.2015.1082239>.
- Creswell, John W., and J. David Creswell. *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Fifth edition. Los Angeles: SAGE, 2018.
- Davis, Beverly, and Michele Summers. “Applying Dale’s Cone of Experience to Increase Learning and Retention: A Study of Student Learning in a Foundational Leadership Course.” *QScience Proceedings* 2015, no. 4 (June 2015): 6. <https://doi.org/10.5339/qproc.2015.wcee2014.6>.
- Dizon, Gilbert, and Daniel Tang. “Comparing the Efficacy of Digital Flashcards versus Paper Flashcards to Improve Receptive and Productive L2 Vocabulary.” *The EuroCALL Review* 25, no. 1 (June 12, 2017): 3. <https://doi.org/10.4995/eurocall.2017.6964>.
- Edla, Srinaagu. “Leverage Digital Flashcards as an Effective Mobile Learning Tool for Employees.” *Disprz* (blog), 2024. <https://disprz.ai/blog/digital-flashcards-mobile-learning-tool>.

- Godwin-Jones, Robert. "EMERGING TECHNOLOGIES FROM MEMORY PALACES TO SPACING ALGORITHMS: APPROACHES TO SECOND-LANGUAGE VOCABULARY LEARNING." *Emerging Technologies*, n.d.
- Gorea, Andrei, and Pedro Cardoso-Leite. "On the Perceptual/Motor Dissociation: A Review of Concepts, Theory, Experimental Paradigms and Data Interpretations." *Seeing and Perceiving* 23, no. 2 (2010): 89–151. <https://doi.org/10.1163/187847510X503588>.
- Harjanto. *Perencanaan Pengajaran*. Rineka Cipta, 2011.
- Haycraft, John. *An Introduction to English Language Teaching*. 19. impr. Longman Handbooks for Language Teachers. Harlow: Longman, 1996.
- Horst, Sven-Ove, and Erik Hitters. "Digital Media Entrepreneurship: Implications for Strategic Identity Work and Knowledge Sharing of Beginning Entrepreneurs." *Nordic Journal of Media Management*, March 1, 2020, 23-44 Pages. <https://doi.org/10.5278/NJMM.2597-0445.3612>.
- Hung, Hsiu-Ting. "Intentional Vocabulary Learning Using Digital Flashcards." *English Language Teaching* 8, no. 10 (September 13, 2015): p107. <https://doi.org/10.5539/elt.v8n10p107>.
- Kaplan-Rakowski, Regina, and Barbara Loranc-Paszylk. "Students' Views on the Helpfulness of Multimedia Components of Digital Flashcards in Mobile-Assisted Vocabulary Learning." In *CALL in a Climate of Change: Adapting to Turbulent Global Conditions – Short Papers from EUROCALL 2017*, edited by Kate Borthwick, Linda Bradley, and Sylvie Thouésny, 170–76. Research-publishing.net, 2017. <https://doi.org/10.14705/rpnet.2017.eurocall2017.708>.
- Khoeriyah, Siti. "Persepsi Siswi Terhadap Pencitraan Ideal Remaja Putri : Studi Kasus Di SMP Yayasan Atikan Sunda (YAS) Bandung." Universitas Pendidikan Indonesia, 2015. <http://repository.upi.edu/id/eprint/18711>.
- Kusmiyati. "Pendampingan Pengamatan Video Pembelajaran Untuk Kesiapan Melaksanakan Praktek Mengajar," 2023. <https://doi.org/10.29303/jpmppi.v6i2.4123>.
- Lati, Wichai, Saksri Supasorn, and Vinich Promarak. "Enhancement of Learning Achievement and Integrated Science Process Skills Using Science Inquiry Learning Activities of Chemical Reaction Rates." *Procedia - Social and Behavioral Sciences* 46 (2012): 4471–75. <https://doi.org/10.1016/j.sbspro.2012.06.279>.

- Molbæk, Mette, and Rune Müller Kristensen. "Triangulation with Video Observation When Studying Teachers' Practice." *Qualitative Research Journal* 20, no. 1 (December 12, 2019): 152–62. <https://doi.org/10.1108/QRJ-07-2019-0053>.
- Moleong, Lexy J. *Metodologi Penelitian Kualitatif*. Bandung: PT Remaja Rosdakarya, 2000. [https://lib.farmasimahagesha.ac.id/index.php?p=show\\_detail&id=1687](https://lib.farmasimahagesha.ac.id/index.php?p=show_detail&id=1687).
- Munadi, Yudhi. *Media Pembelajaran : Sebuah Pendekatan Baru*. Jakarta Selatan : Referensi (GP press Group), 2013, 2013.
- Munir. *MULTIMEDIA : Konsep & Aplikasi Dalam Pendidikan TAHUN 2015*. Bandung: Alfabeta, 2015.
- Nation, I. S. P. *Learning Vocabulary in Another Language*. 1st ed. Cambridge University Press, 2001. <https://doi.org/10.1017/CBO9781139524759>.
- Neuman, Susan B., and Julie Dwyer. "Missing in Action: Vocabulary Instruction in Pre-K." *The Reading Teacher* 62, no. 5 (February 2009): 384–92. <https://doi.org/10.1598/RT.62.5.2>.
- Parahiba, Yefona. "Digital Flashcards as Media to Engage Students' Vocabularies: A CAR Conducted to Young Learners at Wanderlust Course." *Foremost Journal* 3, no. 2 (September 1, 2022): 79–88. <https://doi.org/10.33592/foremost.v3i2.2692>.
- Qvortrup, Lars. "Media Pedagogy: Media Education, Media Socialisation and Educational Media." *Seminar.Net* 3, no. 2 (December 1, 2007). <https://doi.org/10.7577/seminar.2507>.
- Ramadhan, Ben Fauzi. "Gambaran Persepsi Keselamatan Berkendara Sepeda Motor Pada Siswa/i Sekolah Menengah Atas Di Kota Bogor Tahun 2009." Universitas Indonesia, 2009. <https://lib.fkm.ui.ac.id/detail.jsp?id=70896>.
- Reyna, Jorge, Jose Hanham, and Peter Charles Meier. "A Framework for Digital Media Literacies for Teaching and Learning in Higher Education." *E-Learning and Digital Media* 15, no. 4 (July 2018): 176–90. <https://doi.org/10.1177/2042753018784952>.
- Ridha, Nayla, and Rahmah Fithriani. "EFL PRE-SERVICE TEACHERS PERCEPTION OF TECHNOLOGY INTEGRATION IN ENGLISH LANGUAGE INSTRUCTION." *Research and Development Journal of Education* 9, no. 1 (April 11, 2023): 431. <https://doi.org/10.30998/rdje.v9i1.16933>.

- Robbins, Stephen P. *Prinsip-Prinsip Perilaku Organisasi*. Jakarta : Erlangga., 1999.
- Sage, Kara, Michael Piazzini, John Charles Downey, and Sydney Ewing. “Flip It or Click It: Equivalent Learning of Vocabulary From Paper, Laptop, and Smartphone Flashcards.” *Journal of Educational Technology Systems* 49, no. 2 (December 2020): 145–69. <https://doi.org/10.1177/0047239520943647>.
- Sari, Indah Ratna. “Sari, Indah Ratna (2021) Pengembangan Media Pembelajaran Menggunakan Aplikasi Online Powtoon Pada Materi Aritmatika Sosial Kelas VII SMP. Other Thesis, Universitas Islam Riau.” Universitas Islam Riau, 2022. <http://repository.uir.ac.id/id/eprint/10465>.
- Sari, R., A. “Students’ Perception on The Video Project in Their Speaking Class: A Case Study,” 2016.
- Skutil, Martin, Klára Havlíčková, and Renata Matějčková. “Teaching Methods in Primary Education from the Teacher’s Point of View.” Edited by H. Çalişkan, I. Önder, E. Masal, and Ş. Beşoluk. *SHS Web of Conferences* 26 (2016): 01001. <https://doi.org/10.1051/shsconf/20162601001>.
- Sugiyono. *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif Dan R&D*. Bandung: Alfabeta, 2013.
- Syamsul, Bambang. *Psikologi Sosial*. Pustaka Setia, 2015.
- Walgito, Bimo. *Pengantar Psikologi Umum*. Yogyakarta: Andi Offset, 2004. [https://library.utp.ac.id/index.php?p=show\\_detail&id=389](https://library.utp.ac.id/index.php?p=show_detail&id=389).
- Xodabande, Ismail, Asqar Pourhassan, and Mohammadreza Valizadeh. “Self-Directed Learning of Core Vocabulary in English by EFL Learners: Comparing the Outcomes from Paper and Mobile Application Flashcards.” *Journal of Computers in Education* 9, no. 1 (March 2022): 93–111. <https://doi.org/10.1007/s40692-021-00197-6>.
- Yanti, Febri. “Innovative Learning Media in Era 4.0: Review.” *JOURNAL OF DIGITAL LEARNING AND DISTANCE EDUCATION* 1, no. 4 (October 1, 2022): 125–30. <https://doi.org/10.56778/jdlde.v1i4.30>.
- Yin, Robert K. *Case Study Research and Applications: Design and Methods*. Sixth edition. Los Angeles London New Delhi Singapore Washington DC Melbourne: SAGE, 2018.
- Yusuf, A. Muri. *Metode Penelitian Kuantitatif, Kualitatif & Penelitian Gabungan*. Kencana : Rahmat Semesta, 2014.

Zeigler-Hill, Virgil, and Todd K. Shackelford. *Encyclopedia of Personality and Individual Differences*. Cham: Springer, 2020.



UIN SUNAN AMPEL  
S U R A B A Y A