

E-BOOK OF EXTENDED ABSTRACT

THE 14TH INTERNATIONAL INVENTION, INNOVATION & DESIGN COMPETITION 2025



14TH **INDES** 2025

ENVIRONMENTAL • SOCIAL • GOVERNANCE



E-BOOK OF EXTENDED ABSTRACT

THE 14th INTERNATIONAL
INVENTION, INNOVATION &
DESIGN COMPETITION 2025

Organized by:

Office of Research, Industry,
Community & Alumni Network
UiTM Perak Branch

© Unit Penerbitan UiTM Perak, 2025

All rights reserved. No part of this publication may be reproduced, copied, stored in any retrieval system or transmitted in any form or by any means; electronic, mechanical, photocopying, recording or otherwise; without permission on writing from the director of Unit Penerbitan UiTM Perak, Universiti Teknologi MARA, Perak Branch, 32610 Seri Iskandar Perak, Malaysia.

Perpustakaan Negara Malaysia

Cataloguing in Publication Data

No e- ISBN: 978-967-2776-52-9

Cover Design: Dr. Mohd Khairulnizam Ramlie

Typesetting : Georgia

EDITORIAL BOARD

Editor-in-Chief

MUHD SYAHIR ABDUL RANI

Managing Editors

NUR FATIMA WAHIDA MOHD NASIR

SYAZA KAMARUDIN

NORASYIKIN ABDUL MALIK

Copy Editors

SHEEMA LIZA IDRIS

AZURAWATI ZAIDI

HALIMATUN SAADIAH ABD MUTALIB

HALIMATUSSAADIAH IKSAN

IZA FARADIBA MOHD PATEL

MOHAMAD SAFWAT ASHAHRI MOHD SALIM

MUHAMMAD WAJIHUDDIN JOHARI

NAZIRUL MUBIN MOHD NOOR

NORAZIAH AZIZAN

NOOR AILEEN IBRAHIM

NOOR FAZZRIENEE JZ NUN RAMLAN

NOORLINDA ALANG

NURAMIRA ANUAR

NURDIYANA MOHAMAD YUSOF

NURSHAHIRAH AZMAN

NURUL FARHANI CHE GHANI

NURUL MUNIRAH AZAMRI

ONG ELLY

PAUL GNANASELVAM

SITI SYAIRAH FAKHRUDDIN

WAN FARIDATUL AKMA WAN MOHD RASHDI

WAN NURUL FATIHAH WAN ISMAIL

ZARLINA MOHD ZAMARI

AMIRUL FARHAN AHMAD TARMIZI

IMRAN TORIQ

EduUnity: Uniting Communities Through a Social Framework for Orang Asli Student Empowerment

Wan Norizan Wan Ismail¹, Siti Sarah Mat Isa¹, Hazliza Haron², Norhafizah Yusop¹, Wan Faida Wan Azmi¹, Norsyazwana Jenuwa¹

¹Department of Built Environment and Technology, Faculty of Built Environment, Universiti Teknologi MARA, Perak Branch, 32610 Seri Iskandar, Perak, Malaysia

²Arshad Ayub Graduated Business School, Universiti Teknologi MARA, Perak Branch, 32610 Seri Iskandar, Perak, Malaysia

wanno134l@uitm.edu.my

ABSTRACT

This research explores the development of a Social Behaviour framework aimed at empowering unity among Orang Asli students in Malaysia. The objective of this study is to create a structured approach to enhance social integration, foster mutual respect, and reduce ethnic-based stereotypes in educational environments. Given the diversity of Malaysia, it is crucial to focus on inclusive strategies that promote national unity through social behavior. The research adopts a qualitative methodology, primarily utilizing semi-structured interviews with Orang Asli students and teachers from various schools across Perak State. These interviews were designed to capture the perspectives and experiences of the Orang Asli community regarding their interactions with peers from different ethnic backgrounds, the challenges they face, and the opportunities for social cohesion. Data collected were analyzed thematically to identify recurring patterns and insights. Key findings reveal that Orang Asli students experience social isolation, low self-esteem, and limited interactions with non-Indigenous students, which hinder their full integration into the school community. However, fostering culturally sensitive practices and creating platforms for intercultural exchange enhanced understanding and collaboration between students. The framework developed proposes a comprehensive approach that includes educational reforms, community engagement, and teacher training to address these issues.

Keyword: Social Behaviour, Orang Asli, unity

1. INTRODUCTION

Malaysia is a nation celebrated for its rich cultural diversity, with various ethnic groups contributing to its social and economic landscape. Among these communities, the Orang Asli, the indigenous people of Peninsular Malaysia, represent a significant but often marginalized group. Despite their historical and cultural importance, Orang Asli students face numerous challenges in integrating into the broader educational system (Ministry of Education Malaysia, 2024). Social isolation, low self-esteem, and limited interaction with students from other ethnic backgrounds hinder their academic and social development (Nordin & Danjuma, 2018). These barriers perpetuate divisions, which can impede the realization of national unity (Malaysia, 2013). The problem lies in the lack of a structured approach to address the social behavior of Orang Asli students, which is essential for fostering mutual respect and understanding in a multicultural society (Othman, 2022). Existing educational practices often overlook the unique needs of Orang Asli students, contributing to their disengagement and limited social participation (Sulaiman, Mohd Azmi, Ridzuan, Aminuddin & Saini, 2020).

This research aims to develop a Social Behaviour Framework to empower Orang Asli students by promoting unity, mutual respect, and collaboration with their peers from different ethnic groups. The study's objectives are to understand the social challenges faced by Orang Asli students, create an actionable framework to address these challenges, and propose practical strategies for enhancing social cohesion in educational settings.

2. METHODOLOGY

This study employed a qualitative research design to explore the social challenges faced by Orang Asli students in schools and develop a framework to empower them towards greater unity and integration with peers from different ethnic groups. The primary data collection method used was semi-structured interviews (Creswell, 2014), which allowed for an in-depth understanding of the perspectives of key stakeholders involved in the educational experience of Orang Asli students. Participants included Orang Asli students and teachers from schools in Perak state.

The interviews were designed to capture a broad range of insights, including the social and cultural challenges that Orang Asli students face, their experiences in interacting with non-Indigenous peers, and the barriers to mutual understanding and collaboration. Questions focused on identifying specific obstacles to social integration, the role of educators and the community in supporting these students, and any existing practices that promote or hinder social cohesion.

The data collected were analyzed thematically to identify recurring challenges and opportunities. These insights were then used to develop the Social Behaviour Framework, aimed at empowering Orang Asli students through strategies that promote unity, mutual respect, and intercultural collaboration.

3. FINDINGS

The Social Framework for Orang Asli Student Empowerment

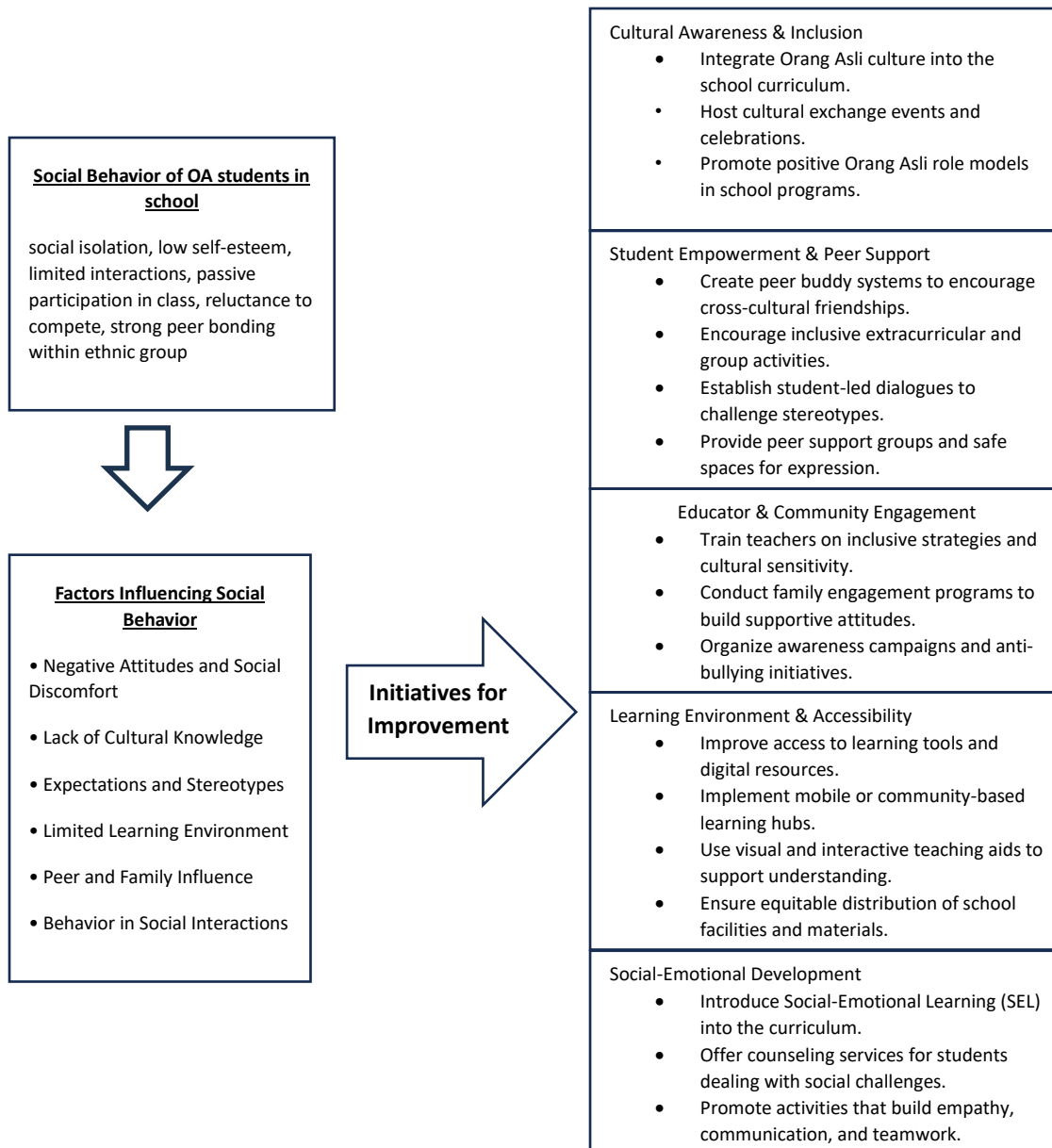


Figure 1 The Social Framework for Orang Asli Student Empowerment

4. CONCLUSION

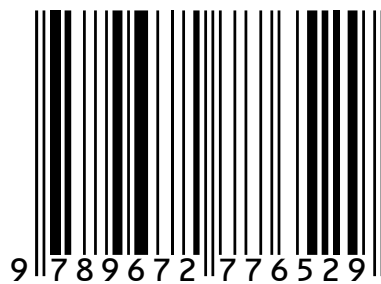
This framework addresses the key factors influencing social behavior among Orang Asli and non-Orang Asli students by promoting cultural awareness, inclusive learning, and emotional well-being. Through strategic actions such as peer support, teacher training, and community involvement, it fosters unity and mutual respect in diverse educational settings. By improving access to resources and encouraging meaningful interactions, the framework aims to reduce stereotypes and create a supportive environment for all learners. Ultimately, it contributes to a more equitable and harmonious school culture across Malaysia’s multicultural landscape.

REFERENCES

- Abdullah, R. B., Mamat, W. H. W., Zal, W. A., & Ibrahim, A. M. B. (2013). Teaching and learning problems of the Orang Asli Education: Students' perspective. *Asian Social Science*, 9(12), 118.
- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Fourth Edition. Thousand Oaks. Sage publications, 273 pp.
- Malaysia, K. P. (2013). Malaysia education blueprint 2013-2025: preschool to post-secondary education. *Education*, 27(1), 1-268.
- Ministry of Education Malaysia (2024). 2023 Annual Report of the Malaysia Education Blueprint (MEB) 2013-2025. Delivery Management Unit (DMU) Putrajaya, Ministry of Education Malaysia, 170 pp
- Nordin, R., & Danjuma, I. (2018). Orang Asli Student Icons: An Innovative Teaching Method for Orang Asli Students. *Pertanika Journal of Social Sciences & Humanities*, 26(1).
- Othman, I. W. (2022). Educating Orang Asli students: the challenges towards achieving the Malaysian sustainable education agenda. *Jurnal Intelek*, 17(1), 1-8.
- Sulaiman, M. A., Mohd Azmi, N. F., Ridzuan, A., Aminuddin, A. S., & Saini, N. A. (2020). Differences in teacher's perspective on academic engagement among students of Orang Asli and non-Orang Asli students. *Gading Journal for Social Sciences*, 23(1), 13-23.

E-Book of Extended Abstract THE 14th INTERNATIONAL INVENTION, INNOVATION &
DESIGN COMPETITION 2025

e ISBN 978-967-2776-52-9



Unit Penerbitan UiTM Perak

(online)