

**Curriculum Vitae**

---

**Name:** Nisa 'Aqila Binti Bakie

**List of Research:**

**Internal Grant**

1. Research Title: Traffic Impact Assessment of Sibul Central. UCTS Research Grant (2017-2020) – Completed
2. UCTS Research Grant (2018-2021) – Completed  
Research Title: Performance of Oil Palm Fruit Ash (OPFA) as Binder Modifier in Asphaltic Concrete. Researcher: Dr Mastura Bujang (Project Leader) & Nisa Aqila Bakie Budget: RM24,800.

**List of Consultancy:**

1. Proposed Conservation of Fort Lili, Betong, Sarawak (TTP Industries SDN BHD) (2019-2021)

**List of Publications:**

1. Bakie, N.A & Bujang, M. (2020). Traffic Impact Assessment of Proposed Development of Sibul Central. International Journal of Advanced Research in Technology and Innovation. 2. 14-24.
2. Bakie, N.A & Bujang, M. Existing Road Performance of the New Development of Sibul Central. (2020). Journal of Engineering & Science Research. 4. 7-13.
3. Ahmadi, R., Suhaili, M.H.A.,Najar, I.A., Ladi, M.A., Bakie, N.A., and Abdullahi, A.F. (2020). Evaluation on the Flexibility of the Largest

HEP Dam Area in East Malaysia using 1-D Equivalent Linear Analysis

4. Bakie, N.A & Bujang, M. Traffic Impact Assessment (TIA) of the New Development of Sibul Central. (2020). Conference Proceeding of International Multidisciplinary Conference on Education, Social Sciences and Technology (IMCEST2020), 54. eISBN: 978-967-17837-0-2.
5. Bakie, N.A & Bujang, M. Existing Road Performance of the New Development of Sibul Central. (2019). Conference, Journal of Engineering and Science Research (TECHON2019). (JESR)(eISSN:2289-7127)

**List of Awards:**

1. Best Paper Award for paper entitled Traffic Impact Assessment of New Proposed Development of Sibul Central – Hotel Istana, Kuala Lumpur (Asean Scholars Network) 2020