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## Curriculum Vitae

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**Name:** Nasihah binti Mokhtar

**List of Research:**

**Internal Grant**

1. The Characterizations and Their Effects on the Durability of Cultivated 10 and 15 Year-Old Teak (*Tectona Grandis*) via the Heat Treatment Process (Research ID: UCTS/RESEARCH/2/2020/04)
2. Bamboo and Gypsum Boards for Sound Absorbing Applications (Research ID: UCTS/RESEARCH/2/2018/03)
3. Wood plastic Laminates from Cultivated *Acacia mangium* Veneer and Thermoplastics Starch Sheet with Nanocellulose Fibril Filter (Research ID: UCTS/RESEARCH/2/2018/01)
4. Evaluation of Four Composts From Wood Waste of Planted Timber Species for Peat Substitution in Nursery Utilization (Research ID: UCTS/RESEARCH/2/2018/04)
5. Thermoplastic Wood Composite from agriculture Residue of Kenaf Bast, *Elaeis guineensis*, *Cassava bagasses* and *Themeda arguens* (Research ID: UCTS/RESEARCH/4/2017/01)

**List of Publications: APA Style**

1. Mohamad Saiful Sulaiman, Razak Wahab, **Nasihah Mokhtar**, Taharah Edin, & Sofiyah Mohd Razali. (2021). *Tectona grandis*: Examine an Ultrastructure on Cultivated Teakwood due to the Scanning Electron Microscopy Enhanced by Heat Treatment. ICXRI2021 Conference. (Scopus)

2. Mohamad Saiful Sulaiman, Razak Wahab, **Nasihah Mokhtar**, Taharah Edin, Sofiyah Mohd Razali, Ros Syazmini Mohd Ghani. (2021). Scanning Electron Microscopy Study of the Effectiveness Oil Heat Treatment on 10-years old teak wood in ground contact test. *Borneo Journal of Science & Technology*. 3(2): 24-32.
3. Razak Wahab, Ros Syazmini Mohd Ghani, Mohamad Saiful Sulaiman, Taharah Edin, **Nasihah Mokhtar**, Muhamad Haziq Razak. (2021). Studies on Improvement in Durability of Oil Heat Treated 16-Year-Old Acacia mangium in Laboratory Tests. *Cutting-edge Research in Agricultural Sciences*. 5: 92-106
4. **Nasihah Mokhtar**, Taharah Edin, Razak Wahab, Ros Syazmini Mohd Ghani, Mohamad Saiful Sulaiman, Muhammad Haziq Razak, Sofiyah Mohd Razali. (2021). Properties of the Oil Heat-Treated 10 & 15 years-old cultivated tectona grandis. *New Visions in Science and Technology*. 1: 64-84. Book Publisher International.
5. Mohamad Saiful Sulaiman, Razak Wahab, Muhamad Haziq Razak, **Nasihah Mokhtar**, Taharah Edin, Ros Syazmini Mohd Ghani. (2021). Description of an Anatomical Structure and Changes of Microstructure through the Grave Yard Test on Treated and Untreated Three-Year-Old Gigantochloa scortechinii via Electron Microscopy. *Current Approaches in Science and Technology Research*. Book Publisher International. 11:82-96.
6. Razak Wahab, Mohd Sukhairi Mat Rasat, Mohamad Saiful Sulaiman, Muhammad Haziq Razak, Taharah Edin, **Nasihah Mokhtar**. (2021). Characterization of Oil Palm Fronds Panel at Different Conditions and Positions with Formaldehyde Adhesive. *Borneo Journal of Science & Technology*, 3(1); 65-75
7. Hor P L, Norhazlini M Z, **Nasihah M** and Zulhazman H 2021 Diurnal insect pollinators of Rafflesia kerri Meijer at Lojing Highlands, Kelantan, Peninsular Malaysia *Malaysian For.* 84 7-15

8. Razak Wahab, Mohamad Saiful Sulaiman, Hashim W Samsi, Ros Syazmini Mohd Ghani, Taharah Edin, **Nasihah Mokhtar**, Mohammad Haziq Razak. (2021). Quality Eco-Composite Boards from Oil Palm Agro-Waste of Empty Fruit Bunches. Cutting-edge Research in Agricultural Sciences Vol. 9. 134-147.
9. Razak Wahab, Mohd Sukhairi Mat Rasat, Norashikin Mohd Fauzi, Mohamad Saiful Sulaiman, Hashim W Samsi, **Nasihah Mokhtar**, Ros Syazmini Mohd Ghani, Muhammad Haziq Razak. (2021). Processing and Properties of Oil Palm Fronds Composite Boards from *Elaeis guineensis*. IntechOpen. (WoS)
10. Razak Wahab, Norashikin Mohd Fauzi, **Nasihah Mokhtar**, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, Taharah Edin (2020). Enhancing Mechanical Properties of Rhizophora apiculata through Engineered Lamination Boards. The Journal "Agriculture and Forestry". 66(3); 53-64. Biotechnical Faculty of the University of Montenegro. (SCOPUS).
11. Razak Wahab, Illya Syazwanie, Hashim W Samsi, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, & **Nasihah Mokhtar**. (2020). Performance in Accelerated Laboratory Tests of oil Heat Treated 16-year-old Acacia mangium. Prime Archives in Agricultural Research Vide Leaf Publication.
12. **Nasihah Mokhtar**, Razak Wahab, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, & Taharah Edin. (2020). Rhizophora apiculata: Comparative Properties between Solid and Engineered Laminated Boards. Borneo Journal of Sciences and Technology. 2(1):7.
13. Razak Wahab, Mohamad Saiful Sulaiman, Mohd Tamizi Mustafa, Ros Syazmini Mohd Ghani, Taharah Edin, & **Nasihah Mokhtar**. (2020). Anatomical properties of Cultivated 3-Year-old Bamboo *Gingatochloa Levis* and *G. Scotechinii*. Scholars Academic Journal of Biosciences. 8(2):30-38.
14. Razak Wahab, Mohamad Saiful Sulaiman, Hashim Wan Samsi, Ros Syazmini Mohd Ghani & **Nasihah Mokhtar**. (2020). The effectiveness of Oil-Heat Treatment in the Main Chemical Constituents of Planted 15-Year-Old Acacia mangium. Asian Journal of Science and Technology. 11(1): 10692-10699.

15. Razak Wahab, Mohd Tamizi Mustafa, Mohamad Saiful Sulaiman, Taharah Edin, & **Nasihah Mokhtar**. (2020). The Scrutinizes of Anatomical Structure Using Fiber Runkle's Ratio and Scanning Electron Microscopy on Matured *Gigantochloa levis* and *G. scortechinii*. *Haya: The Saudi Journal of Life Sciences*. 5(2):9-17
16. Mohamad Saiful Sulaiman, Razak Wahab, Ros Syazmini Mohd Ghani, **Nasihah Mokhtar**, Sitti Fatimah Mhd Ramle, & Sadam Kahar. (2019). Analytical Chemistry of *Bambusa vulgaris* and *Schizostachyum brachycladum* on 2- and 4-Years Old with Transmission Electron Microscopy. *RJPBCS* 10(5): 59-68 (Q3)
17. Razak Wahab, Hashim W. Samsi, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, and **Nasihah Mokhtar**. (2019). Properties of Altered Matured *Bambusa vulgaris* via Heat Treatment Process. *RJPBCS* 10(4): 257-264 (Q3)
18. Razak Wahab, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, **Nasihah Mokhtar**, and Mohd Tamizi Mustafa. (2019). Study on the microstructure properties of a tropical bamboo species by scanning electron and transmission electron microscopes. *Materials Characterization using X-Rays and Related Techniques AIP Conf. Proc.* 2068, 020019-1–020019-11; <https://doi.org/10.1063/1.5089318> (SCOPUS)
19. Razak Wahab, Mohamad Saiful Sulaiman, Ros Syazmini Mohd Ghani, **Nasihah Mokhtar**, Siti Marlia Mohd Don and Hashim W. Samsi. (2019). Properties of Composite Boards Properties from *Elaeis guineensis* Empty Fruit Bunch. . *Borneo Journal of Sciences and Technology*, 1(1): 53-61.
20. Mohamad Saiful Sulaiman, Razak Wahab, Sitti Fatimah Mhd. Ramle, **Nasihah Mokhtar** and Ros Syazmini Mohd Ghani. (2019). Macroscopic and Microscopic Characteristics of 2- and 4-Year-Old *Schizostachyum brachycladum*. *Borneo Journal of Sciences and Technology*, 1(1): 62-69.
21. Razak Wahab, **Nasihah Mokhtar**, Ros Syazmini Mohd Ghani & Mohamad Saiful Sulaiman. (2019). An Overview of Rattan Industry Status And Its Economic Aspect In Setting Up Rattan-Based Industry In Malaysia. *Journal of social Sciences and Humanities* 16(3): 1-10.

22. Ros Syazmini Mohd Ghani, Razak Wahab, Noor Maisarah Che Musthafa, **Nasihah Mokhtar**, Mohamad Saiful Sulaiman, Man Djun Lee. (2018). Physical and Mechanical Properties of Cassava-Bamboo Composite Lumber. *Journal of Engineering and Science Research* 2 (6): 06-09, 2018. DOI: 10.26666/rmp.jesr.2018.6.2
23. Ros Syazmini Mohd Ghani, Razak Wahab, Siti Nuralia Basirah Azmi, Khazanah Mohd Wi, **Nasihah Mokhtar**, Mohamad Saiful Sulaiman. (2018). Comparison of Properties between Solid and Laminated Mahang Wood. *Advanced Journal of Technical and Vocational Education*, 2 (2): 24-28. DOI: 10.26666/rmp.ajtve.2018.2.4.
24. Razak Wahab, **Nasihah Mokhtar**, Ros Syazmini Mohd Ghani, Mohamad Saiful Sulaiman, & Hashim W. Samsi. (2018). Changes in Strength Characteristics and Durability on 4- Year-Old Tropical Bamboo *Gigantochloa Scortechinii* through Heat Treatment. *Asian Journal of Science and Technology* Vol. 09, Issue, 05, pp.8227-8233.
25. Razak Wahab, Mohd Tarmizi Mustafa, Norashikin Fauzi, Ros Syazmini Mohd Ghani, Mohamad Saiful Sulaiman, **Nasihah Mokhtar** & Tina Kim Sem. (2018). The effects of anatomy and physical properties on the strength of cultivated four-year-old *Bambusa vulgaris*. *International Journal of Current Research*, 10, (02), 65439-65448.
26. Razak Wahab, Mohamad Saiful Sulaiman, **Nasihah Mokhtar**, Ros Syazmini Mohd Ghani, Hashim W. Samsi & Madihan Yusof. (2018). Properties of Hibiscus Cannabinus and Elaeis Guineensis Frond Fiber Eco-Composite Boards. *International Journal of Current Research*, Vol. 10, Issue, 05, pp.69770-69775.
27. Mohamad Saiful Sulaiman, Razak Wahab, Sitti Fatimah Mhd Ramle, Ros Syazmini Mohd Ghani & **Nasihah Mokhtar**. (2018). Relationship between Chemical Compositions and Anatomical Structure on the Maturity of 4-Years-Old Culms *Schizostachyum brachycladum* Kurz. *International Journal of Current Research*, Vol. 10, Issue, 05, pp.69776-69780.

28. Kedri, F. K., Hamzah, Z., Sukri, N. S., Yaacob, S. H., Abd Majid, N. K. S., **Mokhtar, N.**, & Amir, S. F. (2018). Distribution and ecology of Rafflesia in Royal Belum state park, Perak, Malaysia. *International Journal of Engineering and Technology*, 7(2.29), 292-296.