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## Curriculum Vitae

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**Name:** Mohamad Saiful Bin Sulaiman

**List of Research:**

**Internal Grant -**

1. Morphology and Mechanical Properties of Natural Fiber as Biorenewable  
**(Research ID: UCTS/RESEARCH/1/2021/03)**
2. 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)**
3. Bamboo and Gypsum Boards for Sound Absorbing Applications **(Research ID: UCTS/RESEARCH/2/2018/03)**
4. Wood plastic Laminates from Cultivated *Acacia mangium* Veneer and Thermoplastics Starch Sheet with Nanocellulose Fibril Filter **(Research ID: UCTS/RESEARCH/2/2018/01)**
5. Evaluation of Four Composts From Wood Waste of Planted Timber Species for Peat Substitution in Nursery Utilization **(Research ID: UCTS/RESEARCH/2/2018/04)**
6. 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:**

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 Mokhtar, Nasihah, Edin. (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. 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.
8. 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)**
9. 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)**.
10. 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 Achieves in Agricultural Research* Vide Leaf Publication.
11. 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.

12. 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.
13. 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.
14. 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
15. **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)**
16. 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)**
17. Syafinie Abdul Majid and **Mohamad Saiful Sulaiman**. (2019). The Effect of Forest Fragmentation On Microclimate Condition At Forest Edges In Pulau Pangkor, Perak, Peninsular Malaysia. *The Malaysian Forester* 2019, 82 (1): 11-16. **(SCOPUS)**

18. Musfiroh Jani, **Mohamad Saiful Sulaiman** and Kyariatul Syafinie Abd Majid. (2019). Soil Elemental Distribution at Selected Locations in Pangkor Island for Baseline Reference. *The Malaysian Forester* 2019, 82 (1): 323 – 328. **(SCOPUS)**
19. 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)**
20. 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.
21. **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.
22. Syafinie Majid, Noor Jemali, **Mohamad Saiful Sulaiman**, Sadam Kahar, Shahrilina Rasid, Ain Talib, Mastura Rahim, Shariman Shahrudin, Nadhirah Rosman and Syazrol Omar. (2019). Preliminary Assessment on Riverine Soil Properties of Sg. Lebir, Kelantan, Peninsular Malaysia. *Borneo Journal of Sciences and Technology*, 1(1): 50-52.
23. 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.
24. 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
25. 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.
26. **Mohamad Saiful Sulaiman**, Sitti Fatimah Mhd. Ramle, Rokiah Hashim, Othman Sulaiman, Mohd Hazim Mohamad Amini, Boon Jia Geng. (2018). The classical mechanics engineered of *Bambusa vulgaris* and *Schizostachyum brachycladum*. *Journal of Tropical Resources and Sustainable Science* 6 (2018): 57-61.
27. 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.
28. 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.
29. 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.

30. **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.
  
31. Noor Jemali, Syafinie Abdul Majid, **Saiful Sulaiman**, Sadam Kahar, Muhamad Faiz Arif. (2017). Microclimate and Vegetation Edge Effects of Jeli Forest in Kelantan. ISBN 978-967-2072-08-9.