

1. Record Nr.	UNINA9910647392403321
Titolo	Fundamental and Applied Sciences in Asia : International Conference on Science Technology and Social Sciences (ICSTSS 2018) // edited by Nor Azizah Yacob, Duratul Ain Tholibon, Nor Yuziah Mohd Yunus, Zadariana Jamil, Syuhada Mohd Tahir
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-19-4910-7
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (199 pages)
Disciplina	509.5
Soggetti	Science - Social aspects Business Management science Ecology Sports sciences Statistics Science and Technology Studies Business and Management Environmental Sciences Sport Science Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I Plantation -- 1. Effect of Manure and Bio-compost Obnoxious Weed toward Growth Performance of Oil Palm Seedling [Anisah Mohammed, Mohamad Amir Shah Yusop, Muhamad Rizuan Borhanuddin] -- 2. Nutrients in By-Product Waste of Poaceae Family as Source of Organic Compost [Mohamad Amir Shah Yusop, Anisah Mohammed] -- 3. Physicochemical Characteristics of Soilless Media Mixture and Their Effects on Brassica rapa Sp. Growth in Hydroponics System [Nurul Shahida Osman, Suzana Yusup, Ashri Mohd Hanifah, Zahari Bahari] -- Part II Material Science -- 4. Physical and Mechanical Properties of Dried Leaves Composite Board [Nurul Husna Mohd

Hassan, Rose Farahiyan Munawar, Shaari Daud, Siti Noorbaini Sarmin, Nur Afiqah Israruddin] -- 5. Effect of Wax at Different Resin Content Ratio on The Properties of Particleboard Manufactured from Bambusa vulgaris var. striata [Siti Zalifah Mahmud, Nurul Zaima Yazmin Mat Yazid, Wan Mohd Nazri Wan Abd Rahman, Nurrohana Ahmad, Noorshashillawati Azura Mohammad] -- Part III Biology -- 6. A Preliminary Study on COD Reduction of Real Textile Wastewater Using Consortia of *Acinetobacter* sp. and *Cellulosimicrobium* sp. [Nor Habibah Mohd Rosli, Wan Siti Atikah Wan Omar, Wan Azlina Ahmad] -- Part IV Chemistry -- 7. Utilisation of Coconut Shell Ash (*Cocos nucifera*) as Lime Replacement in Agricultural Soil [Wan Noni Afida Ab Manan, Anis Iz'zati Ghazali] -- Part V Environmental Science -- 8. Radon Gas Assessment of Selected Buidings at Universiti Teknologi MARA Jengka, Pahang, Malaysia [Nur Sha'adah Zainuddin, Wan Nur Adila Wan Deraman, Hisyam Abdul Rahman, Mohd Ruzaini Rosli, Siti Fatimah Saipuddin, Fairuzdzah Ahmad Lothfy, Junaidah Md Sani, Ahmad Saat] -- Part VI Engineering -- 9. Parking System Using Radio Frequency Identification (RFID) Technology [Neo Wei Sheng, Wan Mariam Wan Muda, Ahmad Zaki Annuar, Wan Hafiza Wan Hassan] -- 10. Basic Properties of Granitic Residual Soil on Slope [Noraida Mohd Saim, Anuar Kasa, Mohd Khairudin Mohamed, Rohaya Alias] -- Part VII Information System/Information Technology -- 11. College Registration Management System (CoReMS): A Proposed CoReMS Model for UiTM Raub College Management Unit [Mohd Khairul Ikhwan Zolkefley, Muhd. Eizan Shafiq Abd. Aziz, Mohd Ikhwan Md Raus] -- 12. Sentiment Analysis on Mixed Language Facebook Comments: A Food and Beverages Case Study [Lim Kong Hua, Lim Tong Ming, Kathleen Tan Swee Neo, Tan Li Peng] -- 13. University Event Notification System with SMS Technology [Jiwa Noris Hamid, Hawa Mohd Ekhsan, Nur Aina Aifa Mohammad Ali] -- 14. Remote Monitoring of Elderly via Web-based Technological Approach to Promote Health and Wellbeing Living [Suriana Ismail, Khairunnisa Hamzah, Roslan Ismail] -- 15. Hadith Text Classification on Sanad Part using Edge List [Nursyahidah Alias, Nurazzah Abdul Rahman, Normaly Kamal Ismail, Zulhimi Mohamed Nor, Muhammad Nazir Alias, Mohd. Sham Kamis] -- 16. Critical Factors Affecting Learning Management Systems (LMS) Success in Technical & Vocational Education and Training (TVET) in Malaysia [Nor Azlan Ahmad, Nur Fazidah Elias, Noraidah Sahari@Ashaari] -- Part VIII Mathematics -- 17. Solving Queuing Problem at Fast Food Restaurant in Shah Alam Using Simulation [Norani Amit, Nurdia Azlin Ghazali, Nur Hidayah Mohd Razali, Noor Aisyah Idris, Noor Hidayah Mohd Zaki, Busyra Latif] -- 18. Comparing the Efficiency of Two Queuing Models for a Fast Food Restaurant using Analytical Queuing Theory [Nurdia Azlin Ghazali, Norani Amit] -- 19. Sinusoidal Curve in Floral Motifs of Malay Woodcarving: A Preliminary Study [Marina Mohamed, Syafiza Saila Samsudin, Nazihah Ismail, Norhuda Mohammed] -- 20. Kuala Lumpur Female Population Projection by Age Group Using Leslie Model [Hamidah Ayub, Roselah Osman, Nora Zakaria, Siti Norashidah Sumaryono, Nurul Syajaratul Aini Mohd Zin].

Sommario/riassunto

This book gathers selected science and technology papers presented at the 2018 International Conference on Science Technology and Social Sciences (ICSTSS 2018), organised bi-annually by Universiti Teknologi MARA Pahang, Malaysia. Based on the theme "Redesigning Education for Industrial Revolution", the papers in this book address a broad range of topics in the fundamental and applied sciences, including computer science, engineering, environmental and management, furniture, forestry, health and medicine, material science, mathematics, plantation and agrotechnology, sport science and statistics, covering

theoretical, numerical and experimental studies. The book serves as a platform for disseminating research findings by academicians of local, regional and global prominence, as a catalyst to inspire positive innovations in the development of the region. It provides a significant point of reference for academicians and students: for academicians, it is a good source of information to conduct further research; for students, it is the latest point of reference on research conducted in their fields of study. The carefully reviewed papers intend to facilitate the creation of new knowledge through the exchange of ideas, strategies and innovations in various science and technology disciplines, and to contribute towards enhancing the learning environment. .
