

KATA ALU-ALUAN

PSA INNOVATION TECHNOLOGY AND COMMERCIALIZATION (PITEC 2022)

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Salam Sejahtera dan Salam Keluarga Malaysia.

Alhamdulillah, setinggi-tinggi kesyukuran kehadiran Allah SWT atas penerbitan buku **PSA INNOVATION TECHNOLOGY AND COMMERCIALIZATION (PITEC 2.0) TAHUN 2022** dengan tema *INNOVATION ACCELERATES TRANSFORMATION OF TVET*.

PITEC 2.0 adalah satu inisiatif Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA) untuk mengiktiraf para pelajar dan pensyarah yang cemerlang dalam bidang penyelidikan dan inovasi. Bakat pelajar dapat dicungkil, disemai dan diperkasa dengan budaya inovasi dan kreativiti dalam menghasilkan produk atau inovasi baharu berimpak tinggi terutamanya dalam aspek teknikal dan sosial. Ia juga merupakan platform bagi menghasilkan graduan berkualiti, berkemahiran dan berkebolehpasaran sesuai Revolusi Industri 4.0 (IR 4.0) sejajar dengan kehendak industri.

Tahun ini, sebanyak 40 produk atau inovasi baharu berimpak tinggi dihasilkan oleh pelajar bersama pensyarah telah terpilih. Diharap ianya mampu memberi sumbangan kepada kemajuan industri di Malaysia malahan boleh memberi impak kepada komuniti setempat. Buktikan kepada pihak industri bahawa pelajar PSA mampu berdiri tegak setanding dengan pelajar dari institusi pengajian tinggi yang lain.

Saya juga berharap program-program serta usaha-usaha dalam anjakan inovasi seperti ini akan terus diamalkan dan dijadikan contoh pada generasi yang akan datang. Ia juga perlu dihayati dan diterapkan agar pembudayaan inovatif dan kreatif terus dikekalkan tanpa menyetepikan keseimbangan aspek yang lain. Carilah peluang untuk memantapkan diri dengan pengetahuan dan mempunyai daya ketangkasan (*agility*) dalam menerima teknologi baharu serta cepat belajar dalam persekitaran yang sentiasa berubah.

Akhirnya, sekalung tahniah diucapkan kepada semua ahli jawatankuasa PITEC 2.0 serta Pusat Penyelidikan, Inovasi dan Komersial (CRI) sebagai penganjur serta semua pihak yang terlibat. Selamat maju jaya!

Sekian, Salam Hormat.

DR. HAJI MOHD ZAHARI BIN ISMAIL
PENGARAH POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH

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Salam Sejahtera and Salam Keluarga Malaysia.

Alhamdulillah, as much gratitude to Allah SWT for the publication of the book **PSA INNOVATION TECHNOLOGY AND COMMERCIALIZATION (PITEC 2.0) YEAR 2022** with the theme INNOVATION ACCELERATES TRANSFORMATION OF TVET.

PITEC 2.0 is an initiative of Polytechnic Sultan Salahuddin Abdul Aziz Shah (PSA) to recognize outstanding students and lecturers in research and innovation. Students' talents can be unearthed, sown and empowered with a culture of innovation and creativity in producing new high - impact products or innovations, especially in technical and social aspects. It is also a platform to produce quality, skilled and marketable graduates in line with the Industrial Revolution 4.0 (IR 4.0) in line with the needs of the industry.

This year, a total of 40 new high –impact products or innovations produced by students and lecturers were selected. It is hoped that it will be able to contribute to the development of the industry in Malaysia and have an impact on the local community. This can also help to prove to the industry that PSA students are able to stand tall on par with students from other institutions of higher learning.

I also hope that programs and efforts in the shift in innovation like this will continue to be practiced and set an example for future generations. It also needs to be appreciated and applied so that innovative and creative culture continues to be maintained without compromising the balance of other aspects. Look for opportunities to strengthen yourself with knowledge and have the agility (agility) in accepting new technology and quick to learn in an ever -changing environment. Finally, congratulations to all members of the PITEC 2.0 committee as well as the Research, Innovation and Commercial Center (CRI) as the organizers and all parties involved. Good luck!

Thank you and best regards.

DR. HAJI MOHD ZAHARI BIN ISMAIL
POLYTECHNIC SULTAN SALAHUDDIN ABDUL AZIZ SHAH DIRECTOR