

DSCOURSE

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Equipping

Future Scientists at DISTED College's Enhanced Science Labs

DISTED College's new science labs feature a refreshed environment for hands-on scientific learning.

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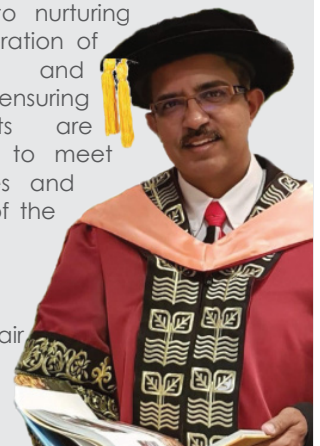
Remarks from the President

The unveiling of DISTED College's newly renovated science labs marks a significant milestone in advancing science education. Modern and well-equipped science labs are essential for fostering a hands-on learning environment where theoretical knowledge can be effectively applied. These state-of-the-art facilities include cutting-edge technology like the Imago Touch Screen, an advanced educational tool designed to enhance interactive learning in science labs and classrooms. It is a high-resolution, multi-touch display that allows students and teachers to interact with digital content in a more dynamic and engaging way.

Good science labs are the bridge that connects theory and practice, a crucial link for students studying Biology, Chemistry, and other sciences. These labs provide students with the opportunity to deeply engage with scientific concepts, thereby enhancing their understanding and retention. More importantly, these labs play a significant role in preparing students for higher education and future scientific careers. The practical experiences gained in these labs are invaluable in today's fast-evolving scientific landscape, ensuring that students are well-prepared for the challenges and opportunities that lie ahead.

By investing in these advanced labs, DISTED College demonstrates its commitment to nurturing the next generation of scientists and innovators, ensuring that students are well-equipped to meet the challenges and opportunities of the future.

Prof. Dr.
Vikneswaran Nair
President



Cover Story

Experience the Future of Science Education at DISTED College

DISTED College is committed to providing our students with the best educational facilities to enhance their learning journey. We are thrilled to announce the grand opening of our newly renovated science labs, a significant upgrade designed to benefit students pursuing the Cambridge A-Level (CAL), South Australian Certificate of Education International (SACEi), and Foundation in Science (FIS) studies.

Our updated Biology, Chemistry, and Multi-Purpose labs have cutting-edge technology and resources, including the revolutionary Imago Touch Screen. These state-of-the-art features create an immersive and interactive learning environment, enabling students to engage deeply with scientific concepts and easily conduct sophisticated experiments.

The redesigned labs at DISTED College are more than just spaces for learning; they are hubs where theoretical knowledge meets practical application. By providing access to modern equipment and advanced technological tools, our labs facilitate hands-on learning experiences that are crucial for understanding complex scientific principles and their real-world applications. This approach ensures that our

students are well-prepared for the rigours of higher education and professional scientific pursuits.

Our commitment to creating a conducive learning environment is unwavering and is reflected in every detail of the renovated labs. The spacious and well-ventilated rooms, ergonomic furniture, and modern safety features ensure that students can focus on their studies without any distractions. This meticulous attention to detail fosters a productive and inspiring atmosphere, making DISTED College a preferred choice for aspiring scientists and a reassuring choice for parents.

Embark on a journey of discovery and innovation with DISTED College's newly renovated science labs. Experience the future of science education and prepare yourself for a successful career in the scientific world. Enrol today and be a part of a community that values excellence, innovation, and practical learning.

Ms. Geong Chooi Peng
 Head, School of Pre-University Studies



Post Mortem: A System Review Meeting for Integrated Software Development Workshop



Final semester students at DISTED School of Computing and Engineering developed projects in various Computer Science fields, including IoT and web applications. They engaged in brainstorming, formed teams, and worked using the Extreme Programming methodology, mimicking real-world company structures. One group created the Penang Flood Alert System IoT project, while another developed the Penang Online Digital Marketplace web application. Following the Software Development Life Cycle (SDLC), they held system review meetings to share feedback and evaluate contributions. This hands-on experience prepared them for internships by simulating actual work environments and enhancing their practical skills.

Eng Yee Wei
Lecturer, School of Computing and Engineering

Regional Symposium on Community-based Projects: Fostering Sustainable Development through Collaboration

On July 24, 2024, DISTED College hosted the Regional Symposium on Community-based Projects in collaboration with Universiti Sains Malaysia (USM), Universitas Sumatera Utara (USU), and the Northern Corridor Implementation Authority, NCER. The event featured presentations by Assoc. Prof. Dr. Ruhizal Roosli (USM), En. Fauzan Bin Ismail (NCER), and Prof. Ir. Nurlisa Ginting (USU). Key topics included urban community resilience, regional development through community participation, and sustainable agriculture practices. Prof. Nair introduced a Community-based Tourism (CBT) Toolkit that can assist the community in preparing, developing and sustaining CBT. The symposium concluded with a closing address by Prof. Dr. Badaruddin Mohamed (USM), emphasising the importance of continued collaboration. The event fostered mutual respect and knowledge exchange, highlighting the power of collaboration and laying the groundwork for future partnerships aimed at sustainable and inclusive development.

Prof. Dr. Vikneswaran Nair
President



E-Invoicing in Malaysia: A Step Towards Digitalising Tax and Business Processes



E-invoicing in Malaysia, driven by the Lembaga Hasil Dalam Negeri (LHDN), is a crucial step towards digitalising the nation's tax and business processes as part of Malaysia's digital economy strategy. This initiative aims to streamline transactions, enhance transparency, and improve tax compliance. Businesses stand to gain from reduced costs associated with paper-based invoicing, fewer errors through automation, and faster payment cycles, enhancing cash flow management. The LHDN's standardised format ensures consistency and interoperability across systems, with secure transmission protocols to protect against fraud. However, the transition poses challenges, especially for SMEs, requiring new technology adoption and system integration. Adequate training and support are essential for compliance and smooth transition. Malaysia's phased rollout, starting with larger enterprises and gradually including smaller businesses, aims to ease the impact and allow necessary adjustments. Ultimately, e-invoicing promotes efficiency, transparency, and sustainability in Malaysia's business landscape.

Henry Ooi
Lecturer, School of Business and Hospitality

Discover What Makes Us

Unique

**DISTED
Science
Club**

Explores DNA



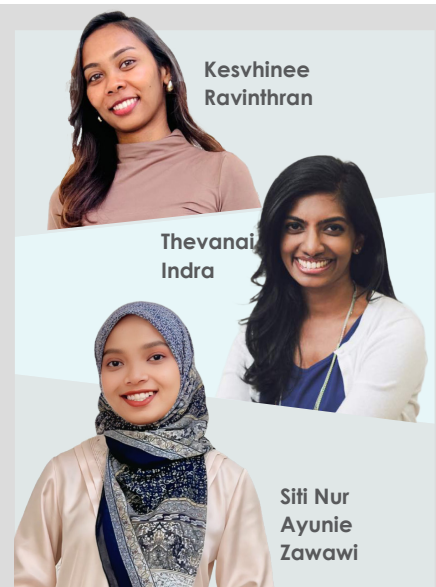
The DISTED Science Club recently conducted a DNA extraction experiment on July 23rd, inviting students and staff to participate in a hands-on learning experience. During the workshop, participants extracted DNA from various fruits, including bananas, apples, and durians, using simple household items like salt water, washing detergent, and cold isopropyl alcohol. This experiment highlighted the structure and function of DNA and its significance in differentiating living organisms. It was observed that bananas, due to their diploid chromosome structure, yielded the most DNA. This practical session not only enhanced understanding of genetic information but also demonstrated the ease of conducting such experiments at home. The insights gained from this activity are intended to encourage precise scientific techniques and foster further educational and research opportunities in molecular biology.

Kaitlyn Khoo Rui Ern
Student of Cambridge A-Level
Student Editor, DISTED Discourse

New Faculty Members Bring Innovation and Expertise to DISTED College

Keshvinee Ravinthran, Siti Nur Ayunie Zawawi, and Thevanai Indra have recently joined DISTED College, bringing diverse expertise and fresh perspectives to the institution. Keshvinee, with a background in TESOL from Universiti Sains Malaysia, is passionate about integrating AI to enhance English language proficiency and is keen on driving educational innovation. Ayunie, holding a Master's in Business Economics from UiTM Shah Alam and a Bachelor's in Accountancy from UiTM Machang, brings technical accounting skills and a commitment to continuous self-improvement. Indra, with a Master's in Rehabilitation Psychology from the University of Nottingham, has extensive experience in working with individuals with special needs and is dedicated to creating an engaging learning environment. Their dedication to their roles reassures us of the quality of education at DISTED College, fostering a vibrant and inclusive atmosphere for student growth and success.

Raziah binti Ehia Mohd
HR and Admin Executive, Human Resources & Administration



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the
FULL
article

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