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# PPPU NEWSLETTER



Datuk Prof. Dr. Azlinda Azman, Director-General of Higher Education Malaysia (second from right), and Prof. Ir. Dr. Siti Noor Linda Taib, Deputy Vice-Chancellor (Research & Innovation) (first from left), visiting the PPPU booth.

## TURTLE AWARENESS PROGRAM “Together We Protect Our Turtles”

by: Dr. Ayu Ameliatul Shahilah binti Ahmad Jamri & Mohamad Razif bin Othman

The Turtle Awareness Program was held on Wednesday, 17 September 2025, at Universiti Putra Malaysia Sarawak (UPMS), Bintulu. Jointly organised by the Centre for Pre-University Studies (PPPU), UNIMAS, UPMS, and the Sarawak Forestry Corporation (SFC), the event gathered 157 UPMS students to deepen their understanding of sea turtle conservation and to explore how science and technology, particularly Artificial Intelligence (AI), can protect marine biodiversity.

The programme began with a lively “Fun Facts about Turtles” session by Mr. Johnny Wong (Shell), who introduced students to the biology of sea turtles, their nesting behaviour, and the threats they face. This was followed by expert talks from Prof. Dr. Ruhana Hassan and Mr. Khalif Amir (UNIMAS) who highlighted how modern technologies are used to support research and monitor turtle populations. Students then rotated through six hands-on stations, with five facilitated by PPPU and one by SFC, each designed to connect scientific concepts with real-world conservation practices. The activities reinforced key messages on stewardship and encouraged active participation.

The event concluded on an optimistic note. Through the collaboration of UNIMAS, UPMS, SFC, and Shell, the programme successfully blended education, environmental awareness, and innovation, reminding everyone that conservation is a shared responsibility and that every effort contributes to the survival of sea turtles.



## PPPU @ The Festival of Ideas (FOI) x Pesta Buku Borneo 2025

by: Dr. Melody anak Kimi

The Centre for Pre-University Studies (PPPU) proudly participated under the STREAM (Science, Technology, Reading, Engineering, Arts, and Mathematics) cluster at The Festival of Ideas (FOI) @ Sarawak x Pesta Buku Borneo 2025, held from 22 to 26 October 2025 at DeTAR Putra, Universiti Malaysia Sarawak. The Centre's exhibition and activities aimed to foster curiosity, promote creative thinking, and engage visitors of all ages through interactive learning experiences.

Key highlights include Scienceploration Kit, which is a hands-on experiment kit demonstrating fundamental science concepts and encouraging participants to explore scientific phenomena through a structured book module.

English Word Match, a language-based game designed to enhance vocabulary and comprehension within the STREAM theme. Physics Electrostatic Demonstration is an engaging experiment illustrating static electricity principles using various rod materials. Mathematics Advanced Sudoku is a logic-based puzzle station promoting analytical reasoning and mathematical thinking, and the ICT activity demonstrates smart home sensor that turns on the lights automatically when it's dark.

These activities successfully attracted school students, educators, and parents, aligning with the centre's mission to make science and literacy approachable and exciting.

## PPPU Shines at ComiiC 2025: 2 Golds, 1 Silver, 1 Bronze

by: Khalif Amir bin Zakry

This year, UiTM hosted the 7th Commercialization, Innovation, and i-IDEA Competition (ComiiC 2025) from 9 to 11 September 2025. The event featured three satellite events catered to primary and secondary schools, as well as tertiary educational institutions. ComiiC is a virtual pitching competition that requires participants to ideate innovative ideas with commercialization potential and that can contribute to the nation's development. The competition's main goal is to encourage student confidence in presenting their research and innovative ideas to audiences. The Centre for Pre-University Studies (PPPU) mustered up four teams comprising nine students, who took on the challenge of developing innovative ideas to pitch in the competition. The four teams were WATT-A-WORKOUT, MUTA, Waste To Wealth: Loofah, and MAS-MATCH. After a grueling series of selections that resulted in only MUTA being selected to present at the Finalist Pitch, UNIMAS was able to secure 2 Golds, 1 Silver, and 1 Bronze awards.



## Syaranan Perdana: STREAM dalam Pendidikan

oleh: Dr. Idza Riati binti Ibrahim

DBP Sarawak, dengan kerjasama UNIMAS, telah menganjurkan Syaranan Perdana bertema “STREAM dalam Pendidikan” sempena Bulan Bahasa Kebangsaan 2025 (Peringkat Sarawak). Syaranan bertajuk “STREAM untuk Masa Hadapan: Mendidik Anak Bangsa dengan Ilmu dan Literasi” disampaikan oleh Prof. Dr. Johari Abdullah (FSKTM) kepada kira-kira 150 pelajar dan pensyarah PPPU. Dalam ucapan aluan, Dr. Azizul Haji Ismail, Pengarah DBP Cawangan Sarawak, menegaskan bahawa pendekatan STREAM mempersiapkan pelajar menghadapi dunia sebenar dan era digital, bukan sekadar mengejar kecemerlangan akademik.



Majlis dirasmikan oleh Prof. Ir. Dr. Siti Noor Linda, Timbalan Naib Canselor (Penyelidikan & Inovasi), UNIMAS. Turut hadir Dr. Mahshuri Yusof (UNIMAS Publisher), Prof. Dr. Jane Labadin (Dekan FSKTM) dan Ts. Dr. Noor Azie Azura Mohd Arif (Timbalan Pengarah Akademik & Penyelidikan, PPPU).