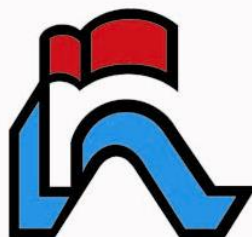


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**NIHERST**  
NATIONAL INSTITUTE  
OF HIGHER EDUCATION  
RESEARCH SCIENCE AND TECHNOLOGY  
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Dear Editor / Head of Department

### **Shell STREAM Workforce Conference 2025 Prepares Students for the Future of Work**

**Port of Spain, Trinidad & Tobago:** Hundreds of secondary and tertiary students gathered today at the **Shell STREAM Workforce Conference 2025**, hosted by **Shell Trinidad and Tobago in partnership with NIHERST**, to explore career pathways in **Science, Technology, Research, Engineering, Arts, and Mathematics (STREAM)**.

The event, held at the Hilton Trinidad, provided students with real-world insights, mentorship, and hands-on experiences to help them navigate an evolving job market. Aligned with the findings of the National STREAM Workforce Report, the conference addressed key workforce trends, including employment opportunities, job mobility, salaries, and industry participation for STREAM graduates.

Speaking on the importance of workforce preparedness, The Honourable Stephen Mc Clashie, Minister of Labour, emphasized that today's students must be equipped with the skills to adapt to a dynamic and evolving job market:

***"It is important for you to understand that the labour market is evolving and dynamic, not just here in Trinidad and Tobago, but the world at large, and this will have a direct impact on your career prospects."***

Minister Mc Clashie further noted the growing demand for technology-related skills **and the** importance of STREAM disciplines in preparing students for emerging industries:

***"Technology-related roles have been identified as the fastest-growing jobs in percentage terms, including Big Data Specialists, Fintech Engineers, AI and Machine Learning Specialists, and Software and Application Developers. Green and energy transition roles, including Autonomous and Electric Vehicle Specialists, Environmental Engineers, and Renewable Energy Engineers, also feature within the top fastest-growing roles."***

As part of its commitment to fostering local talent, Shell Trinidad and Tobago reaffirmed its dedication to STREAM education and the development of a sustainable workforce.

***"At Shell, we recognize that STREAM careers are critical to shaping the future—especially in the energy sector. That's why we continuously invest in programs like Shell Nxplorers that encourage young minds to explore and excel in these fields. Over***

***the years, we have partnered with NIHERST, the Ministry of Education, and other key stakeholders to support research, innovation, and skills development because we know that the future of energy depends on your creativity, your problem-solving skills, and your ambition,***” said Simone David, Finance Manager, Shell Trinidad and Tobago Ltd.

With technology and innovation reshaping industries, it is critical to align education with job market demands to ensure a skilled and adaptable workforce. The conference also presented policy recommendations and best practices for integrating STREAM education into national development strategies.

As the leading organization for STREAM education in Trinidad and Tobago, NIHERST plays a vital role in ensuring that students gain practical exposure and hands-on experience in STREAM careers.

**Dr. Andrew Hunte, Chairman of NIHERST,** emphasized the need for inclusivity and accessibility in STREAM education to close participation gaps and create opportunities for all students, regardless of background:

***“As we continue to promote STREAM education, it is crucial to acknowledge the disparities in participation that persist. Data shows that males, children of parents with lower education levels, and those from remote geographic areas have lower engagement rates. By addressing these gaps, we can foster a more inclusive and diverse future in science, technology, research, engineering, arts, and mathematics.”***

Dr. Hunte further encouraged students to take charge of their futures:

***“Your future starts today. Embrace curiosity, challenge yourself, and be fearless in pursuing knowledge. Today is more than just a conference; it is an opportunity to gain exposure, network with industry leaders, and discover pathways to your dream careers.”***

The Shell STREAM Workforce Conference 2025 provided career roadmaps for students and young professionals, highlighting opportunities in STREAM industries and how they can position themselves for future success.

Minister of Education, Dr. the Honourable Nyan Gadsby-Dolly also expressed the importance of having such events for students. Minister stated that **“having a mandatory annual career day is essential to exciting and inspiring students, opening their minds to new possibilities and guiding them toward the right career paths”**. The Minister emphasized the importance of seizing every opportunity available, as success begins with taking that first step and maximizing the resources at hand. **“You are encouraged to think beyond traditional career paths, explore non-traditional roles, and align your choices with their interests and strengths. Think about the things that you like and how you can get to the next step...your potential is open-ended”**.

By bringing together key stakeholders in education, industry, and government, the conference plays a pivotal role in bridging the gap between academic learning and workforce readiness. Through initiatives like this, Trinidad & Tobago is fostering a future-ready generation poised to lead in a digital and technology-driven world.



Caption: Dr. the Honourable Nyan Gadsby-Dolly, Minister of Education delivering remarks



Caption: Tertiary students panel discussion





Caption: Ms. Ryane Rollock (Senior Specialist – NIHERST), presenting report findings



Caption: Secondary school student asking questions to the panel members



Caption: Tertiary student asking question to the panel members





Caption: Dr. the Honourable Nyan Gadsby-Dolly, Minister of Education engaging with secondary student





Caption: the Honourable Stephen Mc Clashie, Minister Of Labour, visiting the Shell booth



Caption: the Honourable Stephen Mc Clashie, Minister Of Labour, delivering remarks





Caption: Secondary students panel discussion

### **About the Shell STREAM Programme**

Shell Trinidad and Tobago Ltd. (STTL) has been implementing Science, Technology, Research, Engineering, Arts and Math (S.T.R.E.A.M.) Programme since 2013. This national programme aims to strengthen the energy sector's talent pipeline and the country's effort at economic diversification by enhancing critical thinking, creativity and problem solving through strengthening awareness, competence and delivery of Science, Technology, Research, Engineering, Arts and Mathematics within the educational system. Since 2019, NIHERST has been implementing this programme, on behalf of Shell.

The programme represents a key opportunity for informal education and hands on learning around innovative science and technology resources. It communicates not only the fundamentals of STREAM but also how STREAM connects to the everyday and real world. This makes STREAM more relatable and inspiring and makes the ever important connection between science and society.



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