

Paving the way

THE world has seen massive progress in terms of science and technology in the past decade or so. Touchscreen phones, social media, instant messaging, the Internet – without such achievements, the world would neither be as informed, nor as advanced as it is today. However, despite the rapidly growing technological landscape, there remains both room for improvement and problems to solve, in both the global and industrial perspective.

Some notable examples of real-world issues include:

● Global warming

Global warming is a severe issue that threatens not only people, but also the ecosystem of the entire world. As the direct removal of excess carbon dioxide from the atmosphere is currently too expensive, research has gone into methods of recycling the gas into usable products.

● Pollution

The earth is riddled with unnecessary gases and waste from people's everyday lives, seeping into the air, water and soil. Garbage such as microplastics in the oceans and carbon monoxide in the air are detrimental for the environment, and difficult to remove. While steps to prevent further microplastic pollution are in place, removing the existing pollutants is difficult and expensive, and would benefit from more research.

● Medical problems

From dementia treatment, to cures on serious diseases like rabies, medicine still has a long way to go. Breakthroughs in curing diseases previously deemed incurable and covering inequality in medical coverage would not only benefit the people of today, but also ensure the safety and comfort of others in the future.

From medical research to propositions on

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how to solve poverty and income inequality, the world has plenty of shaping and reshaping to do. Fortunately, the ability to change things for the better lies in people's hands – or more so in the hands of their successors.

How then, can the postgraduates of today lead in the innovation of tomorrow?

As more and more students enter universities, their skillsets expand and they become more equipped to handle the challenges that the real world has to offer. That, alongside the experiences and ideas they are exposed to during their studies, have made many youths more than ready to tackle the problems the past has left behind.

In fact, society would have been quite different today were it not for the achievements of several postgraduates. One such remarkable achievement was accomplished by two students from Stanford University, Larry Page and Sergey Brin. Their research in college led to the creation of the most widely used search engine in the world, Google.

Additionally, there are many pressing problems in the world today that can greatly benefit from the application of science and technology. Postgraduate fields that would arm people with the knowledge to do so



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include, but are not limited to:

● Engineering

Students with a degree in engineering can work in fields varying from electrical and information technology engineering to aerospace. With their knowledge, they can broaden horizons by contributing to the further improvement of network engineering or transport safety, to advancements in scientific fields such as aerospace or nuclear engineering.

● Life sciences

Life science postgraduates can work in fields ranging from biochemistry to biotechnology. With their skills, the postgraduates can contribute to or pioneer advancements in useful fields like biomimetics (the science of combining

technology with elements of nature) or medical research.

● Environmental sciences

Those with a postgraduate degree in environmental science can enter a broad number of fields including environmental management or horticulture. The knowledge they have would allow them to contribute to solving environmental issues such as waste management and renewable energy.

With the correct application of science and technology, many breakthroughs in enriching quality of life and improving the future will happen. And with the new ideas and ever-growing skillsets provided in today's education, postgraduates may just be the ones to make it happen.



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Postgraduate Areas of Study :

- . Management / Business
- . Accounting / Finance
- . Business Administration
- . Management
- . Educational Management and Leadership
- . Education (Teaching English as Second Language)
- . International Business
- . Fashion Business
- . International Hospitality and Tourism Management
- . Early Childhood Education
- . Counselling and Guidance
- . International Event Management



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