



**BRINGING INDUSTRY INTO CAMPUS**

Nurturing innovation, entrepreneurial  
learning professional & technical  
competency through synergistic  
partnership with industry

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Breaking away from conventional instruction-based learning, Republic Polytechnic is the first educational institution in Singapore to fully adopt the Problem-Based Learning (PBL) approach. At The Republic, learning is primarily student-driven, combining constructive discussion and problem-solving as the fundamental tools for holistic development of staff and students.

The Republic has embarked on the following initiatives to fulfill its goals and objectives:

1. Joint efforts in co-developing laboratories
2. Joint efforts in utilising companies' facilities for our students
3. Industry Associate Scheme
4. Adjunct Academic Scheme
5. Sponsorship Scheme
6. Participation in the Technology Development Centres through collaboration on industry specified projects

### **Joint efforts on co-developing laboratories with industry**

The Republic's well-equipped laboratories are jointly co-developed by leading industry names together with our in-house academic staff. This relationship with our industry partners signals our strong intent to work hand-in-hand with industry to integrate their best practices into our education process.

### **Joint efforts in utilising companies' facilities for our students**

Leveraging on our close industry linkages, The Republic also seeks to offer our students constant opportunities to experience real industry training via access to laboratories in our partner's facilities. Core technical curricula will be reinforced through their training visits as they identify with real world industry application. Ultimately, they benefit immensely from a richer and more explorative learning experience.

### **Industry Associate Scheme**

In line with The Republic's focus on developing strong ties with industry, we place an emphasis on developing close relationships between academic staff and key industry partners. Our policy stands that each academic must be an associate member of at least one company, so as to allow them to update themselves continually on the latest industrial trends and skills requirements.

Whether it is be in performing consultancy, design, contract services or other forms of collaboration, this scheme allows our staff to create highly relevant curricula, stay at the cutting edge of technological trends as well as upgrade their knowledge continuously.

## Adjunct Academic Scheme

At The Republic, our belief in keeping in tandem with the most current industry standards and best practices is further reinforced by the Adjunct Academic scheme. Suitably qualified industry professionals will be invited to take up academic positions at The Republic. This scheme allows cutting edge knowledge and experience to be imparted directly to our students, ensuring that they remain highly relevant and keep in touch with industry trends and perspectives.

Besides the transfer of real and practical experience, the advantages of this scheme includes:

- Facilitating the possibility of more project/ programme collaborations with industry,
- Maintaining the economic relevance of our programmes through greater interaction with industry and
- Leveraging on industry's experience to build our core competencies

## The Sponsorship Scheme

Seeking to maximise learning opportunities for our students, The Republic offers a multitude of sponsorship schemes that seeks to meet the needs of a diverse student populace. The Republic awards industry-sponsored scholarships, book prizes and bursaries to qualified candidates. In addition merit awards are also offered to the best student performers in each cohort.

## Participation in The Republic's Technology Development Centres (TDCs) through collaboration on industry-specified projects

Our TDCs complement the learning experience by allowing students to get directly involved with developments in leading edge technologies. Our TDCs are The Republic's pulse on industrial trends and through design projects with our key partners, we keep pace with the rapidly changing and dynamic fields of engineering, information systems and applied sciences.

The Republic's vision is to see its staff and students collaborate on a wide range of real world industry projects, and being a contributor to industry through its unique PBL approach.

For any further enquiries  
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