



# Education Industry Hub Hong Kong



# Collaboration

**RS Components has always experienced a great relationship with various universities, academics and educators in supporting them as customers and delivering the right products to meet their needs as well as supporting them through various sponsorships for certain initiatives and competitions.**

## **IET Hong Kong - Regional Underwater Robot Challenge**

This event has organized for senior students and over 100 schools taking part each year in Hong Kong. The winning teams will be nominated to join the MATE International Competition. RS Components has supported this event for over 9 years and becomes GOLD sponsors in 2023.



## **HKUST - Robot competition**

RS Components has supports the HKUST Robotics Team to compete in different local and international competitions for more than 10 years. To support the team members with the opportunity to participate in various robotics competitions and put their engineering skills and knowledge to the test.



## **HK Poly U - Microcontroller application design contest**

The contest is jointly organized by EIE department and RS Components, the successful participants who are shortlisted will be supported by RS to provide all electronic components used in the projects. RS is encouraged the participants to use DesignSpark PCB or/and DesignSpark Mechanical to design and implement their products.

**EIE MICROCONTROLLER APPLICATION DESIGN CONTEST (2022 – 23)**

Consultation Session	Submission Deadline	Presentation Sessions
Tuesday <b>29</b> November 2022 3-5 p.m. CF105	Tuesday <b>29</b> November 2022 11:59 p.m.	Thursday & Friday <b>9-10</b> February 2023 CD634

Functionality • Innovation • Novelty • Workmanship

 **RS Components Ltd.**

**CONTEST DETAILS** **SPONSOR**

# Career Accelerator

**RS Components is committed to support academic institutions to continue delivering high-quality engineering and technology education. We value the perspectives and experiences of young people, want to ensure that our products and services are relevant for this next generation of users.**

## Fresh Advisors Board

The **FAB15** is an exclusive opportunity for students and young professionals to gain experience on a global advisory board for a FTSE 100 company. It is made up of 15 bright young business and engineering minds from all over the world.

## HK PolyU – Design Spark PCB and Mechanical workshop

To support students who are participants in the Microcontroller design contest, the RS Grassroot education team supported them with RS products and they will implement their ideas with these parts and present their creations in the competition final scheduled in Feb 2023.

## HKUST - advisory board and industry day

An annual event for HKUST ECE graduating students to showcase their final-year project work to companies, faculty, alumni, and students. RS HK colleagues served as a member of the judging panel for the event and delighted to see the innovative projects from the graduating students.

**FAB15**  
Fresh Advisors Board  
CLASS OF 2022  
Powered by ROOTS

 HUGO LANDAIS FRANCE	 ELYSIA SINGAPORE/INDONESIA	 KYLE HAZELBAKER USA	 SASHA LANGEVELDT UK	 MARCO DOMINGO UK/PHILIPPINES
 NATALIA IBAGON SANCHEZ UK/COLOMBIA	 KAI GOODALL SOUTH AFRICA	 TEGAN FORBES UK	 LUKAS LEHMANN GERMANY	 PUA CHENG LIN (LEONARD) MALAYSIA
 JOE GIBSON UK	 HSU MEE MEE TUN MYANMAR	 XAVIER PAN HONG KONG	 HEMANSHI GALAIYA KENYA	 CHRISTOPHER SINGAPORE/INDONESIA



# Project Funding

**Taking part in competitions is a brilliant way for students and young people to develop and flex skills, gain experience, and make some great connections. Participation in such activities will highlight capabilities and enable them to include relevant achievements on applications for employment.**



## Build fund

The funding is created to support the team who joined the IMechE Formula Student Competition and help teams with hands-on technical learning as they bring their designs to life.

HK PolyU and HKU have been supported by this funding, to provide ambitions and direction for developing their cars and those teams become the 2023 winners of the competition.



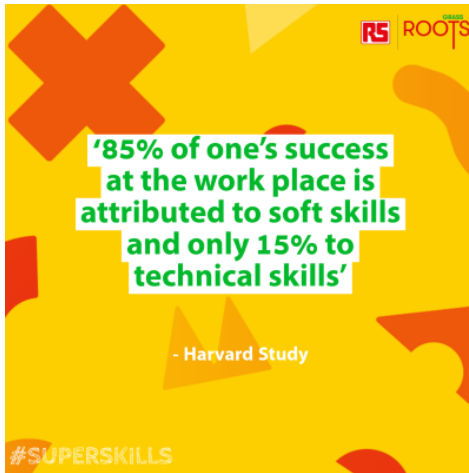
## Student Project Fund

This funding program aim to support the university student who currently studying in the UK, Hong Kong, or Singapore working on a project and want to take it to the next level.

To helping engineering students develop the innovations through hands-on prototyping and experimentation.

# Grass Roots Education Global Campaign

RS recognises the importance of knowledge sharing within the engineering disciplines. Equally important to young engineers development and that of future employers, are the other skills that complement the technical competence to make up a 'well-rounded' engineer.



## Super Skills

RS Grass Roots team design and deliver the new technical skills and knowledge to students which these skills are important to young engineers, we call them " Super Skills".

Future employers often cite the fact that they are more inclined to hire graduates who have some of these skills in place before joining the company.



## DesignSpark

DesignSpark provides the best platform for highlighting the Grass Roots team initiatives to student engineering and early professional engineers.

To dedicated pages on DesignSpark which consists of Student and Content Creator led technical content, opportunities to get involved with Grass Roots initiatives, and Super skills registration links.

# Students Competition Global Campaign

Amazing talent shine through from the students showcasing their passion for engineering on the global stage. With a strong focus on sustainable engineering, we have challenged students to share their designs, projects and prototypes with us, giving students an opportunity to win the amazing prizes from RS components.



## RS Innovators Championship

The RS Innovators Championship is a Global Competition for teams of Young Innovators (18-30yrs) to design sustainable solutions to 5 RS Group challenges that will transform how the industry currently operates **For a Better World**.

The 5 challenges are set by RS colleagues, aligned to real business goals: People - Training and Language, Water Filtration: Keep it Clean - The Washing Machine Project, Sustainable Packaging - Waste Not, Want Not, Sustainable Product - Repair and Reuse and Smart Distribution Centres (DCs) - Shape Up to Ship Out.



## Student Project Competition

An annual Global Student Project Competition welcomed all the engineering students who are aged 18 or over as a full or part-time university-level engineering or technology-related program, to showcasing their work is a key part of building their professional profile, it's an online and shareable record of the great work they have done.

The judging criteria will be scoring against to cover all the maximum chance to win: The story - the problem you were looking to solve and the overall outcome. Media - a variety of media to support the written text. i.e. videos, photos, 3D CAD, code snippets etc. and Audience Engagement - the interest of the audience, is interesting, and is easy to read and digest.

# Engineering Resources for Universities, Learning Centres & Education Products

## At DesignSPARK we offer...

Technology Articles and Projects within the Discover hub, Community Forums, Comprehensive 3D CAD and Electronics Libraries in Resources and our Free Design Software.

Why not Join Today for Free



DESIGNSPARK

## Grass Roots - Youth Empowerment

We create opportunities & activities for engineering/technical students & young people (18-25) around the world, aiming to bridge the gap between tertiary institutions & the workplace.



## The Smart Choice for Engineers

RS PRO is a range of over 65 000 professional products that can be used in a workshop or lab - from hand tools & consumables to 3D Printers and test & measurement devices.



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