

CCST 9070

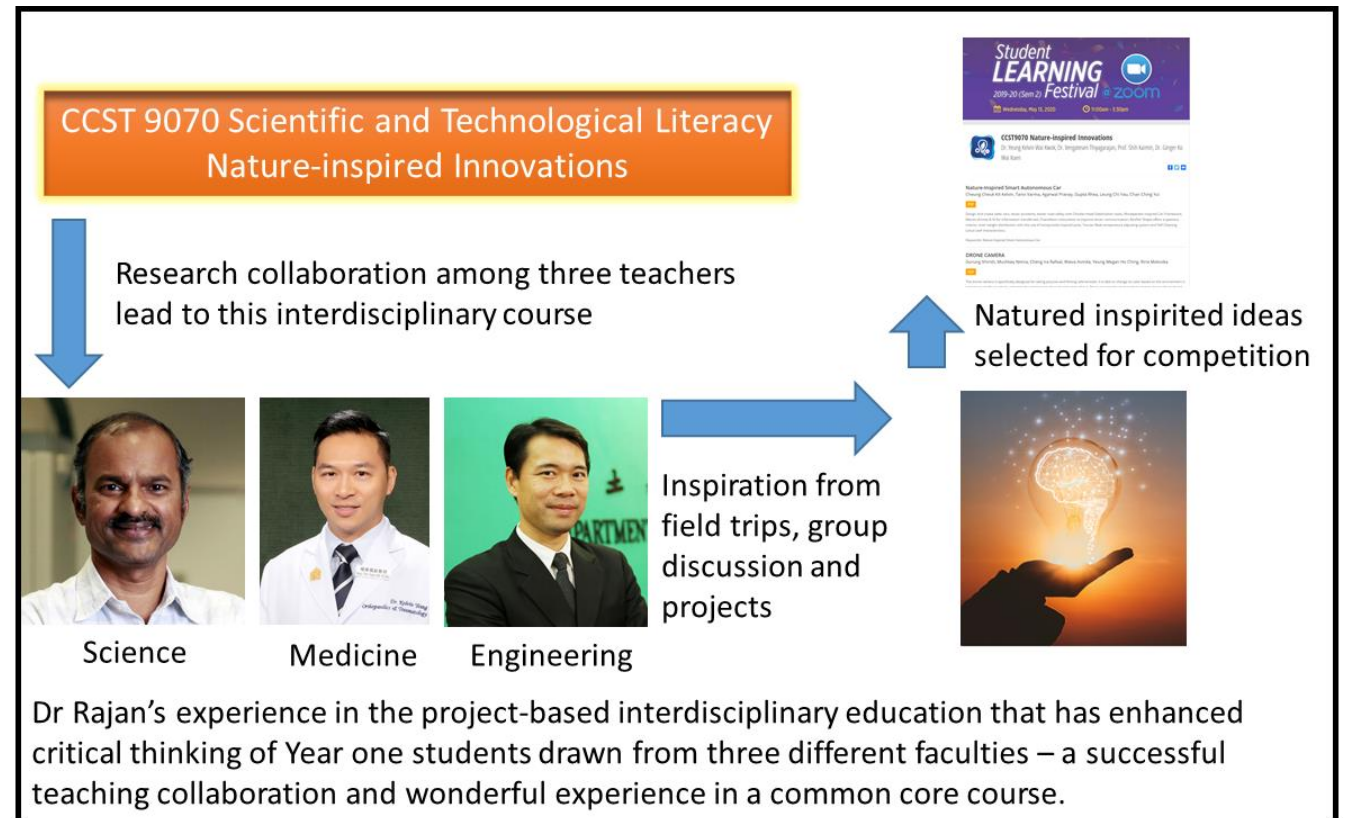
Nature-inspired Innovations

Our interdisciplinary collaboration, research direction and successful experience in launching various experiential learning courses at faculty of science have served as a solid foundation for us to develop an interdisciplinary “Science and Technology” module taught in the University Common Core Course “CCST9070: Inspiration from Nature”, which was met with immediate success and has created a wide impact in HKU’s common core education for “interdisciplinary and innovation” among students from different faculties. At the end of this course (as shown on right hand side flow chart), we were fascinated to see the extremely creative ideas for developing prototypes and product designs (although sometimes a bit too creative!) from students inspired by this hands-on project experience. Each group in the course was comprised of students from different/diverse discipline (science, engineering, and medicine) to extract their most fascinating and innovative inspiration.

Who can take this course: Any Year 1 HKU’s UG students

What you will get in the end:

- Innovation from nature: How to approach nature with innovative mind set
- Prototype development: How to develop idea into prototype
- Action taking: How to take prototype into action



Learn how to look at the nature with innovative mind-set to develop new ideas for human-wellbeing

Inspiration from Nature – an interdisciplinary and innovative teaching idea