



UMS
UNIVERSITI MALAYSIA SABAH

Anugerah Kecemerlangan Inovasi Pengajaran & Pembelajaran (AKIPP)

AKIPP UMS 2020: Implementation of video-based blogs (Vlogs) as a blended learning (Biology topics)

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PENULIS

Sitty Nur Syafa B

PENYUNTING

**Megawati M.Y
Iziani Hani I**



Transformation towards
**UNIVERSITY
INDUSTRY 4.0**





Anugerah Kecemerlangan dan Inovasi Pengajaran dan Pembelajaran (AKIPP), Universiti Malaysia Sabah (UMS) or short AKIPP UMS 2020 is an UMS award to its academic staff to recognizing their excellence and innovation in teaching and learning. For this reason, Preparatory Centre for Science and Technology or PPST had submitted 10 participations and four (4) was shortlisted for final under the category of transformative teaching and Immersive learning (blended learning and face to face).

For category on Immersive learning (blended learning), project entitled Implementation of video-based blogs (Vlogs) as a blended learning for selected Biology topics during practical in pre-university student won the third place. This project highlights Vlogs as a tool for an active learning during practical session of Biology subject. The objective is to enhance student understanding on the practical topic and promote blended learning to the pre-university student particularly the Foundation in Science student of UMS. For vlogging, students were given two selected topics on blood group type and enzymatic activities and compulsory to vlog the methods and procedure. Apart from that, peer teaching was also practiced without full teacher's guidance. The teacher supervised the Vlogs making during the timeframe of Biology laboratory. The Vlogs were then privately shared through Google drive. The project findings showed that the Vlogs activity increased important aspects in learning process: knowledge, skills, and attitude as well as social skills. As the Vlogs could be used as references resources, they may serve as an innovative teaching and learning tools for various levels of schools or universities.