



# AUT INSTITUTE OF BIOMEDICAL TECHNOLOGIES

JULY 2016

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## **AUTEL & KIWINET TECH JUMPSTART 2016 – LETTER OF AWARD**

Congratulations to IBTec's representative team called 'Muscle Sense' who has won a Tech Jumpstart Award 2016 from AUTEL Commercialisation. The team is supported by Professor Ahmed Al-Jumaily. Team Members are: Sam Parittotokkaporn, Miguel Jo-Avila and Parn Jones. The description of their research is "A wearable sensor to measure strength and motion of training muscle across fitness exercises, weight lifting, sport training and body building.



Miguel Jo-Avila

Sam Parittotokkaporn

Parn Jones

## **THE CLAUDE MCCARTHY FELLOWSHIP – 2016**

IBTec students Gautam Anan and Anubha Kalra were awarded the prestigious Claude McCarthy Fellowship for the year 2016. The Claude McCarthy Fellowship aims to facilitate the selected doctoral candidates at New Zealand universities to present their research work at conferences or conduct research for short periods at a foreign organisation. The award usually consists of a grant for travelling overseas. Both Anubha and Gautam were awarded a sum of NZ\$4500 each.



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## PHD STUDENTS ANUBHA KALRA AND Gautam ANAND ATTEND CONFERENCE IN SPAIN

Anubha Kalra and Gautam Anand attended the 5<sup>th</sup> Euro Biosensors and Bioelectronics Conference held at Valencia, Spain from 30<sup>th</sup> June 2016 – 2<sup>nd</sup> July 2016. The event hosted more than 300 eminent speakers from different fields in the area of biomedical engineering and biotechnology. Anubha presented her research titled “Quantification of Motion Artifacts in Electrocardiogram signals” and Gautam presented his research on “Parametric Electrical Modelling of Human Forearm simulation response using multi-frequency Electrical Bioimpedance”. Anubha also moderated the session and received a Certificate of Appreciation. Besides attending the conference, they also got the chance to experience the beautiful highlights of Valencia and Madrid which included *Mercat Central de Valencia* (Central Market), *Oceanografic*, *Ciudad de las Artes y las Ciencias* (City of Arts and Sciences) and *Cathedral* in Valencia and *Puerto del Sol* and *Estadio Santiago Bernabeu* (The Real Madrid football stadium) in Madrid.



## IBTec CELEBRATES THE GRADUATION OF TWO OF THEIR STUDENTS



Sherif Ashaat is graduating with a PhD and Hassan Raslan with a MPhil. They are photographed here with their Supervisors, Professor Ahmed Al-Jumaily and Associate Professor Loulin Huang.