

Name: Vellaisamy Arul Lenus Roy PhD

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Chair Professor, School of Science and Technology, Hong Kong Metropolitan University

Academic qualifications: PhD in Materials Engineering (2000-2004) - Nagpur; MSc in Physics, Loyola College (1997); BSc in Physics, St. Xavier's College (1995)

Previous academic positions held:

Nov' 2019 – Feb' 2023, Professor, University of Glasgow (United Kingdom)

July 2012 – August 2022 (No pay leave since November 2019), Associate Professor, City University of Hong Kong

Dec' 2008 – June 2012, Assistant Professor, City University of Hong Kong, Hong Kong

Mar'2005-Dec' 2008: Research Assistant Professor, Department of Chemistry, The University of Hong Kong.

July 2004- February 2005: Research Associate, Department of Chemistry, The University of Hong Kong.

June 2003- July 2004: Post-doctoral research fellow, Council for National Research (CNR), Italy.

November 2002- June 2003: Research Assistant, Department of EEE, The University of Hong Kong.

Adjunct Professor – UESTC, Chengdu; **SZAR** (Shenzhen Academy of Robotics) – China

Present academic positions held:

Feb' 2023– present Chair Professor, Hong Kong Metropolitan University

March 2023 – Feb' 2026, Affiliate Professor, University of Glasgow (United Kingdom)

Journal articles > 250, **h-index** –64 [Scopus]; Citations > 15,000, **Patents: 22** (granted),

RESEARCH FUNDS – As a PI/Co-PI, led projects worth of HK\$90 million funded by RGC & ITC of HKSAR, UK Research and Innovation (UKRI) and State Oceanic Administration (China)

Roy Vellaisamy is a Chair Professor of Intelligent Systems and the leader of the Molecular Electronics (MOLEC) group at the Hong Kong Metropolitan University (**HKMU**). Roy is a leading team consisting of one senior lecturer, two lecturers, postdocs and PhD students in the area of advanced materials engineering. Prior to HKMU, he was a Professor of Intelligent Systems at the University of Glasgow (**UK**) where he is currently a Professor Affiliate. In Hong Kong, he held faculty positions at City University of Hong Kong for 11 years (2008 to 2019; Assistant & Associate Professor) and The University of Hong Kong (2004 to 2008; Research Assistant Professor). He holds adjunct positions at UESTC, Chengdu & SZAR (ShenZhen Academy of Robotics), China. In 2019, he received **gold** medals for his “*Sensor Platform*” at the 47th International Exhibition of Inventions (Geneva); *iCAN 2022* (Toronto, Canada); He was also a recipient of TRIL-Research Fellow awarded by The International Centre for Theoretical Physics (ICTP, UNESCO institution), Trieste (Italy), Excellent Product Award (2011, 12, 13 & 18) at China Hi-Tech Fair awarded by the PRC's Ministry of Commerce and secured “1000 talent plan” of Zhejiang province (2017). Together with his graduate students, Roy, as a founding member, established **3 spin-off** companies in HK and the UK for the development of point-of-care diagnostic tools. Roy works closely with industries in the UK and the Greater Bay Region for the development of intelligent sensors and quantum technologies.