

Dr Noorhafiza Muhammad holds a Phd in Mechanical Engineering specializing in Laser Processing from The University of Manchester, United Kingdom. She is a senior lecturer at the School of Manufacturing Engineering, Universiti Malaysia Perlis and also senior fellow researcher at the Center of Excellence Geopolymer & Green Technology (CEGEOGTECH). She has published a quite number of publications in renowned international conferences and scientific journals. This gold medallist for many local and international research exhibitions has displayed outstanding work in the world of science and technology when she was awarded the prestigious award, the L'Oréal-UNESCO National Fellowship Award 2014. This scientific recognition has acknowledged her as the successful women scientist in Malaysia through her research to the life science. She has introduced the capability of laser to manufacture stent specifically for the use in coronary artery at affordable cost by performing a comprehensive studies the use of different type of lasers. She is now moving forward, researching in growing endothelial cell and inhibit the smooth muscle cell proliferation to enhance cardiovascular implants biocompatibility and performance by establishing the ideal surface quality of stents.