## Letter from TMDU Overseas Alumni

TMDU graduates are active at the forefront of their fields in countries worldwide.

Studying abroad helped them deepen their knowledge as healthcare professionals, benefiting both their field and patients around the globe.





## Arun Kumar Rajendran

Senior Researcher (KRF Post Doctoral Fellow), Biomimetics and Stem Cell Engineering Laboratory School of Chemical and Biological Engineering, Seoul National University, Seoul, South Korea.

## TMDU, a place where professionals are cultivated with knowledge and humanity.

My journey with TMDU started right back when I was doing my Master's degree in India. TMDU had established collaborative research networks with Indian Universities and I chose to be a part of an Indo-Japan collaborative research project for my Master's thesis. This gave me the opportunity to work with Professor Sachiko Iseki (Department of Molecular and Craniofacial Embryology) and get to know more about the programs in TMDU. My first opportunity to visit TMDU was when I was selected for the International Summer Program (ISP) 2014. It was such an eyeopening experience for me to interact with numerous researchers from almost 17 different countries in Asia and various professors of TMDU. This gave me a great idea about the vision of TMDU and how it welcomes international students in the pursuit of their careers. The extensive research resources within the campus, highly motivated professors, technologically advanced library and TMDU's consistent top ranking in the world for dentistry are some of the key features that led me to choose to do my doctoral course at TMDU. Along with the Japanese government's MEXT scholarship, joining TMDU was an exciting experience.

With a background in dental sciences and nanotechnology, I joined the Department of Molecular and Craniofacial Embryology headed by Professor Sachiko Iseki. Under her guidance and collaboration with Professor Nobuhiko Yui from the Department of Organic Biomaterials, I learned how to develop biomaterials that could be used in the treatment of developmental bone pathologies. During this period, I learnt new scientific concepts and gained hands-on experience with highly sophisticated instruments, which helped to improve my scientific reasoning and knowledge. As a prominent research-oriented center in Japan, TMDU motivates and supports its students to cultivate a passion for extracurricular activities and nurtures strong multinational

friendships. The Japanese language classes, the picnics and tours arranged for foreign students, the "Travelling around the World" sessions, the various festivals celebrated in the TMDU campus such as the Mochi-Tsuki, Summer Festival, and Tanabata Matsuri helped me grasp the varied and interesting culture of Japanese society. The kind staff, easily approachable professors, warm and helpful seniors and friends made me feel TMDU as a family.

After graduating from TMDU, I am currently working as a senior researcher at the Department of Biomimetics and Stem Cell Research at Seoul National University, Seoul, South Korea. The knowledge obtained during my period in TMDU has greatly helped in writing research proposals and obtaining grants such as the Korean Research Fellowship. The expertise gathered during my doctoral course in TMDU is helping me design new biomaterials for regenerating bone tissues, which will be helpful for society in the future.

Set in Tokyo's buzzing metropolis, TMDU is a unique research center with an integrated medical-dental hospital and school and state-of-the-art research facilities. It is a favorable place to grasp societes' medical and dental needs and move research forward accordingly. TMDU stands by its motto of cultivating young professionals with knowledge and humanity for generations to come.



Getting introduced to Japanese culture in the International Summer Program (ISP2014) held in TMDU.



A casual dinner along with laboratory friends.