

**Constructing New “Technology Reports”  
for the Next Half Century  
— In Celebration of the Publication of Its 50<sup>th</sup> Issue**

Tetsuaki TSUCHIDO\*

I am very pleased to contribute a brief note to this commemorative issue of “The Technology Reports (TR) of Kansai University”, the 50<sup>th</sup> since its establishment. Continuous efforts and patience offered by successive chairmen and editors should be praised. Their contributions faced several crises threatening discontinuation of publication. Also, I would like to express my sincere gratitude to Kansai University for their support of the publication of TR for 50 years.

The history of TR is none other than the history of the Faculty of Engineering. Since its establishment, the Faculty of Engineering has developed gradually by increasing the number of its constituent departments from the original three to the final eleven. From 2007, the Faculty of Engineering split into three new faculties: the Faculty of Engineering Science, the Faculty of Environmental & Urban Engineering, and the Faculty of Chemistry, Materials & Bioengineering. Correspondingly, the constituent departments have also been drastically reorganized. In particular, the Faculty of Engineering Science now includes the Department of Mathematics, and the Department of Physics and Applied Physics have been established recently. Because of this, the title of the journal has been changed from TR to “The Science and Technology Reports of Kansai University (STR)” from this issue onwards.

During the past 50 years, science and technology have advanced surprisingly and for, new research fields, such as environmental science, information science, biotechnology and life science, have developed. Furthermore, specialization within each field and fusion between different fields of science and technology have also accelerated. In the light of these trends, the importance of education in universities has recently been magnified and, even in the Graduate School, besides their research talent, students are now also required to possess a wide range of fundamental knowledge and techniques as well as the ability to communicate internationally, and the presentation skills to contribute to the development of science and technology in industry after their graduation.

In consideration of the above, I think that we need to enrich the publication policy of STR. Besides the past function of publication of research works by academic staff

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\*Chairman of the Editorial Board

(Chairperson of Division of Engineering, Graduate School of Kansai University  
and Dean of the Faculty of Chemistry, Materials and Bioengineering)

belonging to the science and engineering institutes at Kansai University, a new perspective might be added: something to reflect the international communication between our university and our partnering overseas universities and research institutes may be necessary, especially as this broadens our graduate-course students' education.

Furthermore, although we have many opportunities of participating in inter- and intra-university collaboration, as well as in collaboration with institutes and companies outside the campus, we need to broadcast to the international scientific community and technological information thus obtained. The place to do this is STR. Such information need not necessarily original or partly-original papers: even some brief research reports and short scientific news items would also be worthwhile. This policy, it is hoped, will add an attractive flavor to the new STR.

I hope that STR in a new form will further contribute to the development of science and technology at Kansai University, as well as in Japan and the world as a whole. Also, I expect that, from now on, our journal may play a role in the enhancement of international communication and improvement in presentation skills in English amongst the students of Kansai University. To this end, I would like to request the academic staff of Kansai University to help maintain this publication during the next half century.

On behalf of the editors,  
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