

*Improve the possibilities...*



# **SIMEC INSTITUTE OF TECHNOLOGY**

A Prestigious Educational Institution Designed for Learning Maintaining International Standard



[www.simecinstitution.edu.bd](http://www.simecinstitution.edu.bd)



## ABOUT

# SIMEC INSTITUTE OF TECHNOLOGY

### Introduction

Education is a power of developing one's own self-worth where educational methods include teaching, training and researching. SIMEC Institute of Technology is a place where people of different ages gain an education.

SIMEC Institute of Technology, a project of SIMEC Foundation, is a technical education based entity with the generous support and patronage of the top class academic institutions from abroad and to provide the technical courses in different fields. It is running completely as a non-profitable organization. It involves research, consultancy, training and technical education to make sure the improvement of human capital.

### Vision

To be a center of excellence in education and research to produce globally competent professional minds with human values and ethics to serve the society by taking part in industrial, scientific, innovation, academic and entrepreneurship activities within the country and abroad.

### Mission

The mission of SIMEC Institute of Technology is to promote technical education with research, training, Short & Long term Courses, workshops, Seminars and Consultancy where ensuring professional development is the aim of the SIMEC Institute of Technology. Moreover, another mission of the institute is to develop relationships among the teachers, instructors, researchers and trainees which is considered as the most prominent strategy of SIMEC Institute of Technology.



## WE ACCOMPLISH THIS MISSION BY

- Organizing joint research programs in Bangladesh and abroad.
- Conducting international exchange programs for students and teachers.
- Organizing international training for Bangladeshi professionals abroad.
- Organizing workshop, training, short and long-term diploma in different fields.
- Arranging foreign language (Japanese, Korean, English, etc.) Programs.
- Organizing international seminars in Bangladesh.
- Worldwide VES (Virtual Educational System) web portal.



**SIMEC Institute of Technology now has five programs that have been carefully vetted to expand career options for the youth of the nation. The programs being:**

- **International Research Center**
- **SDGs Action Research Center**
- **Four years Diploma in Engineering Programs**
- **Vocational Training Program**
- **Professional Engineering Courses in Japanese KOSEN Method**
- **International Language Center**



# RESEARCH CENTERS



Many of the Universities and Institutes of developed countries like Japan, Korea, and China require students to do research on different subjects. Therefore, SIMEC Institute of Technology decided to start its journey in the field of research in 2019, starting from the World Forum on climate Justice Conference at Glasgow Caledonian University and Glasgow University in the United Kingdom by the President of the Institute Professor Dr. Md. Monirul Islam and Chairman, Engr. Sardar Md. Shaheen. Then a climate justice forum was created by SIMEC Institute, named “Forum for Climate Justice, Bangladesh” on the 25th of July, 2019.

## International Research Center

International Research Center is an interdisciplinary, impactful and globally connected research base for scholars around the world. The center facilitates and fosters leading-edge research, innovation, scholarly publication and policy dialogues. Researchers across the national and disciplinary boundaries can interact, share their knowledge and draw external funding for research activities, training, workshop, conferences and consortia at the center. International Research Center envisions achieving a world-leading status in scholarly knowledge production by mobilizing collective intelligence and developing international networks and meaningful collaboration.

## SDGs Action Research Center

SDGs Action Research Center was first established in January, 2020 at SIMEC Institute of Technology by Prof. Md. Amzad Hossain, PhD (Spirituality), PhD (Sustainability). The institution’s fundamental objective is human resource development through appropriate education, training and guidance for the creation of a new culture of sustainable development, achieving SDGs and long term self-reliant sustainability. SDGs Action Research Center also aims at influencing national policies on the localization of SDGs.



## Four Years Diploma in Engineering Programs

The Diploma in Engineering is a program focused on practical and skill-oriented training. It is a technical degree that only covers the essentials when ranked with an undergraduate engineering degree. It aims to provide students with industry or job related engineering knowledge, scientific skills, computing & analysis, and mathematical techniques, a sound knowledge of English to communicate in the job field, etc. As the

curriculum and academic activities of this course is governed by the Bangladesh Technical Education Board (BTEB), there are five technologies (**Computer, Civil, Electrical, Electronic and Mechanical**) with a seating capacity of 50.

Diploma holders are able to get employment. However, only students who have passed their SSC examinations are eligible to apply here.



## Vocational Training program

The Vocational Education and Training of SIMEC Institute of Technology include courses on topics such as basic **3D Animation, Graphic Design, Web Design and Development, Japanese Language, Caregiver, Para Medical & Nursing Assistant etc.** Focused on the unskilled and unemployed acquiring what they need, we address these requirements in the lessons. Our institution is affiliated and accredited as Registered Training Organization (RTO) by Bangladesh Technical Education Board (BTEB). In addition to that our organization has also established a Technical Teachers' Training Institute which will allow the teachers opportunities to take part in national and international competitions.



## Graphics Design

As times goes on, importance of graphic design being used to communicate in the world is increasing every day. Hence, this course works on that to teach the students tips and tricks to become a professional graphics designer.

Who is this course designed for?

This class is appropriate for those who are new to design generally or those who have basic knowledge and are willing to raising the bar on what they know already.

## Motion Graphics

This course will help you master the concepts and features of the Adobe after Effect program. It includes many advanced features, including tips and tricks using the latest version.

Who is this course designed for?

This class is appropriate for novice users of After Effects or for those working or wishing to work in the video field.



## Caregiver

If you are passionate about providing elderly citizens with respectful care, then you might be ready for a career as a caregiver. Caregivers give assistance to people who are sick, injured, mentally or physically disabled, or the elderly and fragile. Caregivers work to assist clients with personal care services such as oral care, toileting, feeding etc. SIMEC Institute of Technology will educate caregivers appropriately. Since SIMEC Institute of Technology is approved by 'Bangladesh Technical Education Board' hence the certificate is valid in almost all around the world, especially in Japan.

## Para Medical and Nursing Assistant

The production of qualified technologist will help and ensure accurate diagnosis of diseases in due time, thus helps the doctors to give appropriate treatment to the diseased personnel and cure them, and also help in taking preventive measure in many diseases. The Faculty encourages collaboration between institutions and organizations within the home and outside of the country.

# International Language Center

No matter what career is chosen, learning a second language, will always have an advantage. SIMEC Institute of Technology is willing to offer different language learning programs for one's extra skill development. Our committed team of teachers all are highly skilled and possess an accredited qualification in teaching Foreign Language; forming excellent student-teacher dynamics and at the same time focusing on each individual's needs.

SIMEC's courses are designed to stimulate and motivate students to interact and to practice their International **(Japanese, Korean, Chinese, English, and Arabic)** communication. This

requires an emphasis on providing lessons that enable learners to both develop their vocabulary and use the target language in real communication and in realistic contexts, further helping them to establish professional demeanor and form important acquaintances.



SIMEC Institute of Technology is introducing a unique higher-education system including a five-year engineering education, for young students starting from the age of 15. Seeking an approval from 'Bangladesh Technical Educational Board', the institution is hoping to start the '**KOSEN**' method where within the age of 20 students will be up for the job market world widely.

Countries like Thailand, Vietnam and Mongolia have all started the KOSEN method and are already getting a great feedback. Therefore, to get in competition with all the top countries SIMEC Institute of Technology is implementing the KOSEN method in Bangladesh.



## Professional Engineering Courses of Japanese KOSEN Method

# Message



It's a matter of proud to be the chairman of an entity like SIMEC institute of technology which works for improving research, training and technological based education in Bangladesh for introducing Practical/Vocational training based learning to develop the young generation to build the career which may help to reduce unemployment curse.

While studying in Japan, it was a dream to build an educational relationship between Bangladesh and Japan for ensuring educational quality for preparing a skilled Bangladeshi generation, and when the dream comes true, it's called "SIMEC Institute of Technology".

Even we strongly believe that the technological relationship between two countries can play a vital role for the development of the whole world as well. This institute is designed for research, training, educational development, technological growth and finally, I must say "creating future of the students and researchers can be another outstanding outcome from SIMEC Institute of Technology." I wish all the researchers, trainee and student a wonderful future ahead.

**Founder Chairman**  
**Engr. Sardar Md. Shaheen**  
M. Sc. Engg. (Japan)



I am very much delighted to be the President of the SIMEC Institute of Technology which is built through the concerted efforts of Japan and Bangladesh to improve the level of research, training, and technology-based education. Students and researchers get many kinds of facilities including scholarship and job in Japan after the completion of the courses from the SIMEC Institute.

The outstanding researchers have been visiting from Japan to the institute to provide the extra facility to the researchers in their purpose of research.

I believe that the level of technical education has been improved through the research and education. The Institute has been providing real education and training to make humans into resources. In the SIMEC Institute of Technology, we aim to make our graduate self-confident so that they will be able to realize their potential. We believe that after getting the appropriate education with us they will undoubtedly enhance prospects of employment at home and abroad. I wish the best success of the student and researcher in their future career.

**President**  
**Dr. Monirul Islam**  
PhD in Engg. (Japan)



# SIMEC INSTITUTE OF TECHNOLOGY

House - 33, Road - 15, Sector-12, Uttara, Dhaka-1230, Bangladesh  
Cell: +8801747229271, E-mail: [info@simecinstitute.edu.bd](mailto:info@simecinstitute.edu.bd)