

Chapter ①: Evolution of The Language of Science

English is called 'Borrowed language' because many English words are taken from French, Italian, German, Greek, Latin Russian languages. For example: words like permafrost, oxygen, hydrogen from Russian, Greek and French respectively. Every year more than 10,000 new words are coined from different disciplines (science, arts, philosophy, maths etc). Language plays an active role in the development of science and technology, hence both language and science are interrelated.

Michael Hordin is professor of history of the science at Princeton, he explores from his book 'Scientific Babel' the impact of English language in science during over German and other languages. From for many years from medieval period to 17th century Latin was dominated and it was considered as a 'official language and it was language of science.

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Italian Astronomer, physicist, Galileo ~~was~~ first person who was published/written his research work in his native language Italian. Then he translated into Latin. After 17th century Latin loses its position due to French and Italian languages.

In 1900's German language was dominated in the field of scientific discoveries, because many scientists and inventions are from Germany, and their research work was published in journals in German language only, so it reached highest peak level in that time. In world-war-I, when Germany was defeated, it affected German language also. There was boycott of German Scientists and their research works from British and French, any German scientists were not allowed to participate in any type of conferences, so they cannot publish journals in German. Therefore two scientific communities were formed German and Austria and another from Western Europe. New organisations ~~are~~ (International organisations) like International Union of Pure and Applied Chemistry were formed.

③ These organisations were used English language for their research work, so German language is slowly started to decline.

When USA entered in world war-I, it created 'Anti-German hysteria', which means creating fear in the minds of people that Germans were very dangerous and, so threat to society and even their language also. Therefore speaking of German was criminalized in 23 states, there were not allowed to speak in public and also prohibited to broadcast the radio programmes, news in German language. Americans who were teaching the foreign languages, Government implemented the law to drop the German language and they given more importance for English which resulted to develop a English-centric approach, it means creating feeling of standard and superior for English language, in this way English was dominated across the world. Nowadays electronic gadgets like computer, mobile, TV, internet becoming able (tools) for spreading English language across the globe.

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