

# Project

Topic of the project : Scientific Technical progress





# Project done by :

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second course 205 group

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# Aims of the project:

To give a definition of scientific technical advance(or progress)

To explicit and tell about the history of the Progress and to explain importance and role of STA

To appreciate and make research in finding advantages and disadvantages of STA

# Term and definition

- In historiography and the philosophy of history, **progress** (from Latin *progressus*, "an advance") is the idea that the world can become increasingly better in terms of science, technology, modernization, liberty, democracy, quality of life, etc. Although progress is often associated with the Western notion of monotonic change in a straight, linear fashion, alternative conceptions exist, such as the cyclic theory of eternal return, or the "spiral-shaped" dialectic progress of Hegel, Marx, et al.

# Features

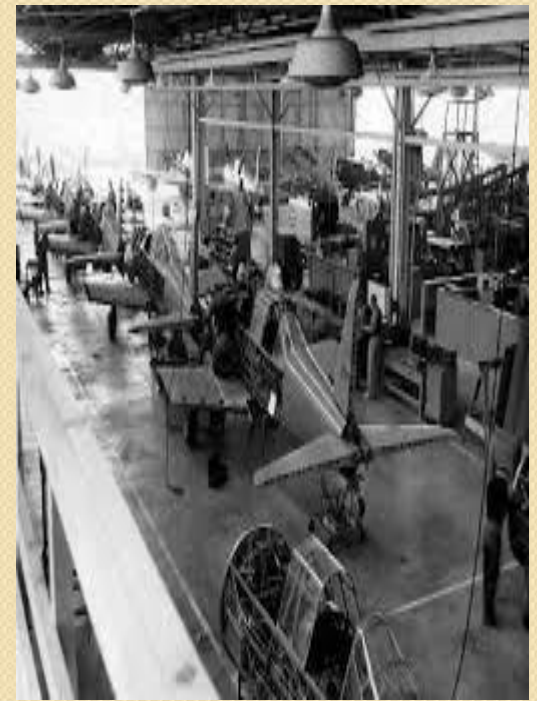
- 1) Reformation of industrial forces
- 2) Embrace of all branches of the science
- 3) Development of information and technology
- 4) Increasing in intellectual field and resources

# Types of progress influencing

- Natural and abstract(math.) science
- Social science
- Philosophy and psychology
- Biotechnology
- Industrial innovation
- Globalization and integration

# ILLUSTRATION AND LITTLE OBSERVATION

During the Medieval period, science was to a large extent based on [Scholastic](#) interpretations of the master, [Aristotle](#). The Renaissance of the 15th, 16th and 17th Centuries changed the mindset in Europe towards an empirical view, based on a [pantheistic](#) interpretation of [Plato](#). This induced a revolution in curiosity about nature in general and scientific advance, which opened the gates for technical and economic advance. Furthermore, the individual potential was seen as a never-ending quest for being God-like, paving the way for a view of Man based on unlimited perfection and progress.



# Premises

- value of the past
- nobility of Western civilization
- worth of economic/technological growth
- faith in reason and scientific/scholarly knowledge obtained through reason
- intrinsic importance and worth of life on earth.





1 picture illustrated dynamics of inventions which has a tendency nowadays  
 2 picture illustrated that Human ability are more powerful and aspiration and possibility much broader and absolutely amazing than can appeal thought about endless Mighty Forces that can be turned as a benefit as an evil



## ROLE

And conclusion



- inevitably produce an improvement in the human condition. That is, people can become happier in terms of quality of life (social progress) through economic development and the application of science and technology (scientific progress). The assumption is that the process will happen once people apply their reason and skills, for it is not divinely foreordained. The role of the expert is to identify hindrances that slow or neutralize progress.