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**PENGEMBANGAN SAINS DAN PEREMPUAN**

**Potret Semangat Ajaran Islam**

**SURYADI**

**Dosen Jurusan Tafsir dan Hadis UIN Sunan Kalijaga Yogyakarta**

**Abstract**

In the current phase of modernity, according to observation, the condition of women is still positioned as a subordinate being and is only for domestic “isu”. This vulnerable and dangerous position has made women into the object of releasing violence in many aspects of life not excluding the aspect of industrializing science and technology. This condition is an empiric-visual shape which indicates that patriarchal culture still reigns in life and has infected its way to education. If discussed and understood, this condition is very reflective of true Islamic teachings. By looking at such conditions, this text tries to re-discuss the spirit of Islamic teaching in the context of developing science that is based on equality.

**ILMUAN WANITA DAN DISKURSUS SAINS (ILMU PENGETAHUAN)**

**M. ALFATIH SURYADILAGA**

**Dosen Jurusan Tafsir dan Hadis UIN Sunan Kalijaga Yogyakarta**

**Abstract**

According to current research, the European commission reports that this year the number of women who receive a PhD (doctorate) reaches 40% or even more for “life sciences”, but only 15% of European industrial researchers are women. Especially in Latin America 60% of technological doctors are women, and 59% are in Argentina. However, women aren’t playing a significant role in scientific decisions. For example in 1998 d are women. At the National Science Foundation Board in the US, only 8 out of 24 of its members are women or 33.3%. Thereby the profile of women must actually still be supported in the context of progressing science that they deserve. Other than focusing on discussing the discourses of science by looking at the origins and the development that until now has produced the Islamic golden age, this article will also give in-depth information on a few female scientists that has given the world a gift in its struggle to respond to science in the present day. This is not meant to dream of past glory but to sober-up the Moslem men and women to help each other in thinking of the importance of science and as soon as possible watch the development of science and technology right now!

# **PERAN PEREMPUAN DALAM PENGEMBANGAN KEHIDUPAN BERBASIS TEKNOLOGI**

**SYAFII**

**Dosen IAIN Walisongo Semarang**

## **Abstract**

Indonesia has reached a stepping stone in increasing equality and justice in education for both male and female citizens. That can be proven by the ratio of participation in education and literacy rates of men and women. Women's involvements in non-agricultural sector, participation of women in politics and the large number of women who are actively participating in progressing technology are true and concrete indicators. This article tries to observe how far the part and participation of women in the struggle to increase and develop technology. This is very meaningful because practically all of humanity is touched by technology, however crude it may be. If man were to live without technology in this age, it would be like a car with no wheels. Its means that technology has been a vital part of our lives, even if it may seem ghastly, scary, and can even trap and kill of the rights of women. But orderly technology has helped the participation of women in the public space; and with technology, many domestic jobs that have always been done by women can also be done by men.

# **KAMPANYE TEKNOLOGI YANG RAMAH PEREMPUAN**

**AGUS EKO SUJIANTO**

**Dosen STAIN Tulungagung Jawa Timur**

## **Abstract**

This article is developed from the Beijing Declaration and Platform for Action held in 1995. The fourth Woman World Summit results in 12 critical sectors that have to be the focus and be the strategic outlook for the governments, international communities and public societies including non-government organizations and private sectors to implement the Declaration. One of the critical issues is the movement of women, especially the sixth section of the Declaration which concerned with women and technology. This section describes four strategic issues: one of them is to conduct a women-friendly technology (this article focuses on informational technology) is still limited. Even in the developed country, for example in the United States of America it still receives a gradual slowdown.

**MENGANDALKAN BUDAYA TEKNOLOGI RAMAH PEREMPUAN**  
**IZZUKI MUHASSONAH**  
**Alumni FK Unair Surabaya**

**Abstract**

There are too many women and small groups that are left untouched by the government; it takes skill in science, especially in operating the machinery of communal economy. That is hoped for because women are not going to just stay at home and only worry about their family and always being subordinated by high technology culture. This phenomenon can still be tolerated; sadly word is still out in the newspapers, magazines, survey books and many researches that say that women still receive violence that are very diversified in motives and backgrounds. Violence to women is not only physical but also psychological, sexual, economical and the stealing of rights. That proves the existence of technological cultures that are women-unfriendly. Because of that, this article will try to discuss technological cultures that are not quite friendly or even hostile to women. Other than the discussion that focuses on that point, the main element that is targeted in this article is to think of how the current technology is upgraded to be women-friendly.

**TEKNOLOGI, PEREMPUAN DAN PEMERINTAH**  
**(Meneropong Kebijakan Pemerintah atas Kejahatan IT terhadap Perempuan)**

**M. QOMARUL HUDA**  
**Dosen STAIN Tulung Agung Jawa Timur**

**Abstract**

As we all know globalization is a consequence of the ease of the transportation of information and communication by technology that has far-reaching effects in economy, politics, social and culture, its presence cannot be avoided in this life. But, it becomes a problem when the development of science and technology that has given us a lot of positives can also give us a negative effect that is just as large that is felt by women without the notice of the government. Many criminal acts and even acts of utmost criminality often happen and women have become operational targets from the development of science and technology it self. Why do women have been to be the victims and why are 80% of the victims women? This has been the subject of debate for researchers and bystanders. With the existing problems, this article asks the readers to observe some of the technological crimes that are launched against women and also to see how far the government has acted as the policy holder.

**PEREMPUAN DAN TEKNOLOGI INFORMASI  
FAHRUDDIN FAIZ**

**Dosen Aqidah dan Filsafat Fakultas Ushuluddin UIN Sunan Kalijaga Yogyakarta**

**Abstract**

The patriarchal culture that is gender biased has been proven to bring a negative effect in the harmony of human life. Men and women ideally must complete one-another and support each other in different ways. However patriarchal culture has made men become the main actors, dominant and hegemonic, and women became the figurant side, on the border and unable to express themselves. This 'sidedness in the world of informational technology is one of the real facts in this problem. This article tries to prove how women's acces to the technological world has been 'walled' since the beginning and how women are positioned only as a profitable object by exploiting their body and sexuality by technological practitioners. In the end of this article, the writer advises the need of a world-view patriarchal deconstruction, a cultural revolution, and a reformation of social structure as a way out of this problem.