

UPSC

Candidate must adhere to the word limit specified in the question.
Any page or portion of the page left blank must be clearly struck off.

① programmes of Government of India to empower women in the field of science and technology will usher in gender parity by 2047. critically examine.

Global Gender Gap Index 2022, India ranks 135 out of 146. Performed poorly in Economic opportunities and participation → (143) and comparatively better in educational attainment (107)

current scenario

Issue today is women in research areas is less in India. There is a popular misconception that "physics is built ^{& developed} by men". Even the great honoured scientists have prevented women from research areas eg: Sri C.V. Raman, Bhabha things are common in 20th c, but the sad thing is, it ~~has not~~ ^{doesn't have} had huge improvement even today

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Government Initiatives

Initiative like GATI (Gender Advancement through Transforming Institutions) ⇒ (to promote gender parity in Institutions); KIRAN (Knowledge

enhancement through Research Nurturing) ⇒ to promote women take up research in STEM areas and prevent them from giving up due to family reasons.

Certain Institutions also provide crèche facilities.
Underrepresentation

Despite this, women with required merit and talent are under represented. UNESCO data shows in India only 14% women are in research in STEM areas, while African nation Tunisia has 55% women.

India has 43% women with graduation in STEM areas but only 14% are to move towards universities, Institutions while with case of Male it is 73% participation in Research.

Prestigious Institutions & Gender parity

It is seen ^{more} prestigious the Institutions lower is the women representation. UGC Survey shows

इस हाशिए में केवल प्रश्न संख्या लिखें।
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उम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए।
Candidates must not write on this margin

2 out of 6 IIT's only IIT-Kharagpur & Delhi has women in governing bodies. while Report says IIT-Madras has only 31 Females out of 314 professional.

(10/1)

Contrast with Corporate Sector

Indian corporate has 39.1% women in senior managerial position and is above global average.

Reason:

The mode of recruitment is based on Merit.

Early 1990s, private sector initiatives to women like flexi-working hours etc. This started reaping benefit today & is estimate to reach parity in 2045.

Fortune 500 CEO ⇒

15%	20%
2016	2022

 ⇒ Increase in women CEOs

Way ahead:

~~change~~ change in the mindset towards women is required. mode of recruitment has to be impartial and merit based. If all this happens Government initiative initiated today will reap benefits in Amrit Kaal when we celebrate 100 years of independence.