



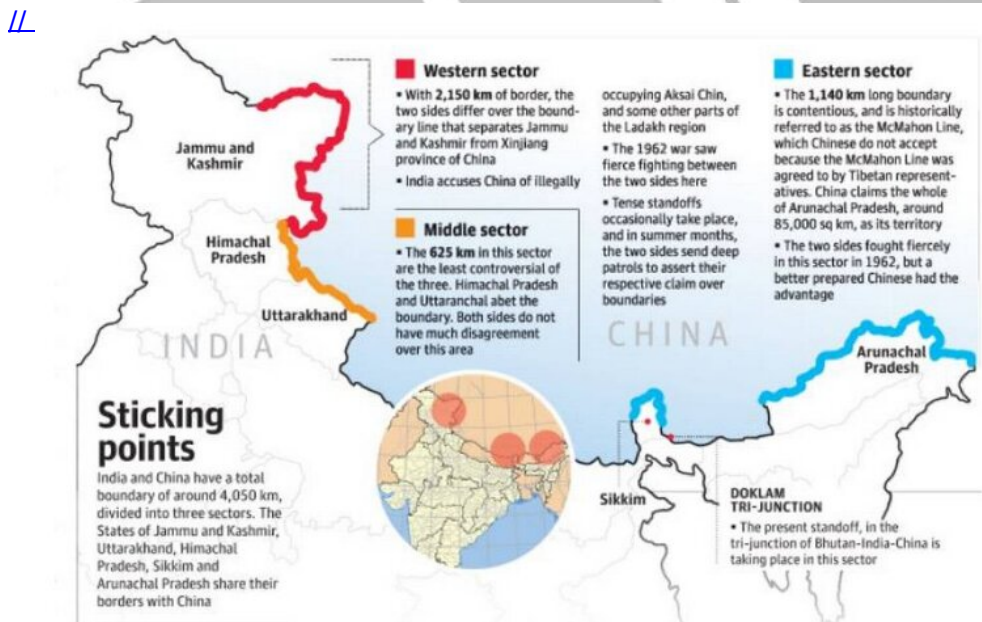
## Army Opens Himalayan Battlefields to Boost Tourism | Jammu & Kashmir | 12 Sep 2024

### Why in News?

Recently, in a move to enhance [border tourism](#) and match [China's infrastructure efforts along the Line of Actual Control \(LAC\)](#), the Indian Army has opened up **historic battlefield** locations in the [Himalayas for tourists](#).

### Key Points

- **Tourism Infrastructure Development:**
  - India has identified **100 additional villages** along the **LAC** to create infrastructure for tourism as part of a **multi-pronged approach** to counter China's efforts in the region.
  - The Army is opening up Himalayan locations where key battles, such as the [Kargil conflict, 1999](#) took place.
    - Tourists are now allowed to visit [Tiger Hill](#), a critical site during the Kargil war.
- **Border Security and Deterrence:**
  - According to the Army, opening these inaccessible areas and developing infrastructure in border regions will act as a deterrent to claims on undemarcated borders with China.
  - A **pilot project** for tourism is being set up in **Zemithang**, the **last Indian village near the LAC in Arunachal Pradesh**. This is the route through which the 14th [Dalai Lama entered India in 1959](#).



- **Line of Actual Control:** It is divided into three sectors.
  - The eastern sector which spans **Arunachal Pradesh and Sikkim** (1346 km).

- The middle sector in **Uttarakhand and Himachal Pradesh** (545 km).
- The western sector in **Ladakh** (1597 km).
- The alignment of the **LAC in the eastern sector** is along the [McMahon Line of 1914](#).
- **Case of Arunachal Pradesh:** India's claim line is different from that of the LAC. It is the line seen in the official boundary marked on the maps as released by the **Survey of India**, including [Aksai Chin \(occupied by China\)](#). The state of Arunachal Pradesh is an 'integral and inalienable' part of India.
  - In China's case, LAC corresponds mostly to its claim line, but in the eastern sector, it claims the entire Arunachal Pradesh as South Tibet.
- **China's Intention:** There have been reports of **Chinese construction of villages** in Arunachal Pradesh, 5 kilometres from the [Bum La pass](#).
  - The construction of the village has been seen by analysts as a move to bolster China's claim to the area, and part of a broader recent push by China to build civilian settlements in disputed frontier areas, which [it has also done with Bhutan](#).

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## Purple Revolution | Jammu & Kashmir | 12 Sep 2024

### Why in News?

The [Lavender cultivation](#) success in Jammu and Kashmir exemplifies the powerful collaboration between research institutions, industry, and [youth entrepreneurship](#), offering a path to [boost farmers' income](#) and enhance the [rural economy](#).

### Key Points

- **Aroma Mission and Lavender Cultivation:**
  - [Council of Scientific and Industrial Research \(CSIR\)](#) launched the [Jammu and Kashmir Aroma Arogya Gram \(JAAG\)](#) project to promote alternative crops like [medicinal and aromatic plants \(MAPs\)](#).
  - The [Aroma Mission](#) introduced lavender cultivation **to boost farmers' income** and create employment.
  - Farmers received **free planting material, training, and support in cultivation, processing, and marketing**.
    - Originating in **Bhaderwah, Doda**, lavender cultivation has spread to other J&K districts and states like **Uttarakhand, Himachal Pradesh, Arunachal Pradesh, and Nagaland**.
- **Economic Impact:**
  - Over 1,300 hectares in J&K are under lavender cultivation, with significant **progress in districts like Udhampur, Poonch, and Rajouri**.
  - Lavender farms have gained national recognition and **boosted tourism**, as seen in the [Republic Day tableau at Kartavya Path](#).
  - In 2024, **Doda district extracted 100 kg of lavender oil** and harvested 10 quintals of dry flowers, generating significant revenue for farmers.
- **Agricultural Challenges in J&K:**
  - Agriculture employs **65% of the population** and contributes **27% to J&K's** economy.
  - The region faced challenges like **difficult terrain, monkey menace, and poor accessibility, limiting land utilization for traditional crops** (rice, maize, wheat, pulses).
- **Future Prospects:**
  - Lavender farming opens opportunities in **value-added medicinal and cosmetic** products.
  - The initiative is a [model for rural entrepreneurship](#), fostering growth in India's path to

becoming a developed nation.

## Purple Revolution

- Purple revolution is also known as **Lavender Revolution** and aims to promote the **indigenous aromatic crop-based agro-economy** by shifting from foreign aromatics to homegrown kinds.
- First-time producers were offered free lavender seedlings as part of the goal, and those who had previously produced lavender were paid Rs. 5-6 per plant.
- The [CSIR-Aroma Indian Institute of Integrative Medicine \(IIIM\)](#)'s Initiative has begun lavender cultivation in the **Ramban district of Jammu and Kashmir**.
- Lavender farming is done in nearly all of **Jammu and Kashmir's 20 districts**.
  - Particularly, the districts of Kathua, Udhampur, Doda, Kishtwar, Rajouri, Srinagar, Bandipora, Budgam, Ganderbal, Anantnag, Kulgam, Baramulla etc. have made huge progress in this direction.
- **Lavender Cultivation:**
  - Native to Europe, lavender was introduced in the temperate regions of Jammu & Kashmir by the **CSIR Aroma Mission**.
  - It is a small, perennial aromatic herb shrub used in fragrance, specialty food, and alternative medicine industries.
  - **Propagation Methods:**
    - Seeds
    - Rooted cuttings
    - Tissue culture
    - Layering
  - **Soil:**
    - Grows well in light, well-aerated soil rich in organic matter.
    - Thrives in neutral to alkaline soil that is free-draining.
    - Sensitive to waterlogging but can grow in poor or eroded soil.
  - **Rainfall:**
    - Performs well with an annual rainfall range between 300 to 1400 mm.
  - **Climate:**
    - A hardy temperate plant, tolerant to drought and frost.
    - Prefers cool winters and cool summers with ample sunlight.
    - Can be cultivated in areas with snowfall and hilly terrain.
  - **Applications:**
    - Food and flavouring
    - Pharmaceutical and therapeutic uses
    - Cosmetic products
    - Industrial purposes