

CURRENT SCIENCE

Volume 130 Number 8

25 April 2026

C.S.
330

Exploring Albitite: a journey through Chhota Nagpur

Unlocking farm innovation: strategies for success

Travelling groundwater quality trends in basaltic aquifers

Current Science Association



Indian Academy of Sciences



CURRENT SCIENCE

684 **Highlights of the Issue**

EDITORIAL

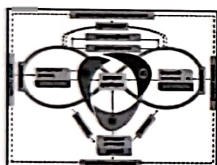
- 685 **Science in medical sciences: too less or too much?**
Anand Krishnan

MEETING REPORT

- 687 **From resilient crops to healthier diets: reflections on SUSTAIN 2026**
Kamal Kumar Malukani, J. Likhitha and Chandana Mulagala

COMMENTARY

- 689 **The M_w 7.7 Bhuj earthquake at 25 years: what has changed in India's earthquake preparedness, and what has not**
Shambhavi Dube and Durgesh C. Rai

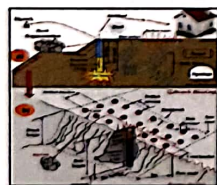


REVIEW ARTICLE

- 692 **Approaches, determinants, constraints, and strategic pathways for farm innovation adoption: a systematic review**
R. Venkattakumar, Reshma Gills, Ch. Srinivasa Rao, P. Venkatesan, Surya Rathore, Mahantesh Shirur, Gopal Lal, Shaik N. Meera, Ch. Lalitha Navya and B. Rajitha

RESEARCH ARTICLES

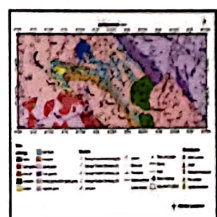
- 704 **Synthetic CT generation technology for prostate cancer radiotherapy based on neighbourhood attention-enhanced generative adversarial network**
Fu Wen-Sheng, Pang Bo, Yang Zhi-Yong, Chen Ya-Fei, Wang Chao-Feng and Wu Xi-Jun



- 712 **Comparative evaluation of empirical and regression-based models for predicting blast-induced ground vibrations in Indian coal surface mines**
Bhanwar Singh Choudhary, Geleta Warkisa Deressa and Shikhar Gupta

- 725 **Identification of flood hazard zones of Uttarakhand**
Manoj Kumar Diwakar, Prajjwal Varshwal and Ashutosh Chaturvedi

- 735 **Hydroclimatic controls on groundwater quality evolution in basaltic aquifers: process-based insights from a state-scale dataset in India**
Richa Chaturvedi, Ojsi Goel, Shankar Prawesh and Indra Sekhar Sen



RESEARCH COMMUNICATION

- 748 **Albitite within the Chhotanagpur Granite Gneissic Complex: insights from Patratu Valley, Ranchi, India**
Debapriya Adhikary and S. V. Chinchu

754 B. A. Dasannacharya (1937–2026)
P. S. Goyal



COVER. Albitite dykes intruded within Granitoids. See page 748.

Indexed in CURRENT CONTENTS/GEOBASE/CHEMICAL ABSTRACTS/IndMED/SCOPUS/
WEB OF SCIENCE/JSTOR