

SCIENCE AND CULTURE

SEPTEMBER-OCTOBER 2001/VOLUME 67/NOS. 9-10

A JOURNAL OF NATURAL & CULTURAL SCIENCES

PUBLISHED BY THE
**INDIAN SCIENCE
NEWS ASSOCIATION**

EDITORIAL BOARD

R. K. Mandal
Editor-in-Chief
B. B. Baliga,
Amalendu Bandyopadhyay,
Julie Banerji,
Syamal Chakraborty,
N. C. Datta,
Amit Krishna De,
Vinod Kumar Gupta,
N. D. Paria,
S. C. Roy

COLLABORATORS

S. Aditya,
Amiya Bagchi,
B. B. Biswas,
R. N. Chatterjee
D. P. Chattopadhyay,
Mihir Chowdhury,
D. P. Dwary
D. Ganguli,
S. K. Ghaswala,
Irfan Habib,
A. K. Hati,
S. B. Karmohapatro,
Balaram Majumdar,
C. H. Meheta,
A. S. Mukherjee,
Biswapati Mukherjee,
S. K. Mukherjee,
S. P. Mukherjee,
R. P. Purkayastha,
P. K. Ray,
Parimal Sen
S. P. Sen,
S. P. Sengupta.

SCIENCE FOR ALL : SCIENCE LITERACY AND PEOPLES SCIENCE MOVEMENT — R. K. Mandal	... 257
Riemannian Geometry, the Natural Recipe for Einstein's Theory of Gravitation – a Philosophical Approach — Bidyut Kumar Datta, Venzo De Sabbata and Renuka Datta	... 259
Scientific Criticism and Evaluation — H. S. Ray and R. S. Thakur	... 266
A Glimpse of the Indian Public's Response to Science in the Media — Dilip M. Salvi and Bharvi Dutt	... 271
Biotechnological Approaches to the Management of Weeds in Indian Agriculture — Malay K. Bhowmick and Bijan K. Mandal	... 275
SCIENCE COMMUNICATION AND MEDIA PRACTICE 2001	
A Brief Report on the XVth Training Programme on Science Communication and Media Practice-2001 — Dipak Kumar Saha	... 281
XVth Training Programme on Science Communication and Media Practice 2001 —	... 283
Science Reporting — Prasanta K. Bose	... 287
Information Technology — D. Mukhopadhyay	... 290
Thalassaemia — S. Dasgupta	... 293
J. C. Bose and the Media — Dibakar Sen	... 297
Concept of Industrial Toxicology — A. Roy Chowdhury	... 298
Industrial Safety Measures and Prevention of Pollution — Swapan K. Hazra	... 301
Science Movement in Popularisation of Science — Sabyasachi Chattopadhyay	... 303
Guidelines on Popular Science Writing in Newspapers and Magazines — Bimal Basu	... 304
Is Astrology a Science ? — Gobinda Chandra Das	... 305

Contd. next page.



Indian Science News Association

President

Dr. A. P. Mitra,

Vice-Presidents

Dr. S. K. Bhattacharya,

Professor M. M. Chakrabarty,

Professor (Mrs.) Asima Chatterjee

Professor M. K. Das Gupta,

Professor Asis Datta,

Dr. S. C. Pakrashi

Secretaries

Professor (Mrs.) Julie Banerji,

Professor Naresh Chandra Datta

Treasurer

Professor Amalendu Bandyopadhyay,

Council Members

Professor D. Balasubramanian,

Professor Basudeb Barman,

Dr. A. N. Bhaduri

Professor Dipankar Chakraborty

Dr. Ashim Chowdhury

Professor M. H. Engineer

Dr. Anil Kumar Goswami

Professor S. B. Karmohapatro

Professor Biswapati Mukherjee

Professor P. Nandi

Professor Sankar K. Pal

Professor R. P. Purkayastha

Professor H. S. Ray

Dr. M. Siddiqi

Professor Virendra Singh

Professor D. K. Sinha

Professor S. K. Talapatra

Members of the Editorial Board are also members of the Council

NOTES AND NEWS

BOOK REVIEW

... 308

LETTERS TO THE EDITOR

... 216

A Case of Branched Earhead Phenotype in Pearl Millet
(*Pennisetum glaucum* (L.) R. Br.)

— G. C. Shinde, M. T. Bhingarde,

M. N. Khairnar and S. S. Mehetre

... 317

Selection of Suitable Carriers for *Rhizobium*

— R. K. Jain and P. Bhattacharyya

... 319

Diversity of Bamboos, their Edible Shoots and Storage

— S. Mukhopadhyay

... 321

Novel Synthesis of Epikhusinol

— Sonia Kaushal and J. C. Kohli

... 325

Bioremediation of Pentachlorophenol : An Overview

— Wriddhiman Ghosh and Ambarish Mukherjee

... 327

Cover : The choice of appropriate science and technology for the people of India.

TO OUR READERS

Your appreciation of the journal makes us bold to suppose that some of your friends would also like to read **SCIENCE & CULTURE**, the premier scientific monthly of India devoted to the publication of the progress in pure and applied sciences. The Indian Science New Association has been conducting the journal for over 66 years with the editorial co-operation of eminent scientists of India with the object of promoting and diffusing knowledge laying special stress on the progress of scientific studies here and abroad, and advocating methodical application of science to problems of national regeneration.

Editorial correspondence should be sent to the Editor, *Science and Culture*, 92, Acharya Prafulla Chandra Road, Calcutta : 700 009. Manuscripts prepared in accordance with the Instruction to Contributors should be submitted in duplicate and will not be returned unless accompanied with return postage.

Correspondence relating to subscription, advertisement and other matters should be addressed to the **Hony. Secretary, Indian Science New Association, 92, Acharya Prafulla Chandra Road, Kolkata : 700 009, Phone :— 350-2224.**

MEMBERSHIP FEE

Life Member	:	Rs.	1000.00
Ordinary Member	:	Rs.	100.00

ANNUAL SUBSCRIPTION

Inland (Institution)	Rs.	500.00
Foreign	U.S. \$	75.00
Inland (Individual)	Rs.	250.00
Single Copy (Inland)	Rs.	60.00
Single Copy (Foreign)	\$	15.00