# SCIENCE AND CULTURE

NOVEMBER-DECEMBER 2003/VOLUME 69/NOS. 11-12

A JOURNAL OF NATURAL AND CULTURAL SCIENCES

S. P. Sen

S. P. Sengupta

#### PUBLISHED BY THE GLOBAL CHALLENGE FOR UNIVERSITY INDIAN SCIENCE RESEARCH AND PH.D'S - R. K. Mandal NEWS ASSOCIATION 361 CORRESPONDENCE **EDITORIAL BOARD** Abolishing the Ph.D. Award R. K. Mandal - Subhankar Ray 363 Editor-in-Chief Silence of the Gene-Mechanics within the Helix Amalendu Bandyopadhyay - Chitore Kumar Guha Sarkar and Julie Banerji Syamal Krishna Ghosh 366 Syamal Chakraborty Socio-Religious and Ecological Perspective of N. C. Datta a Sacred Grove from Midnapore District, Amit Krishna De West Bengal Vinod Kumar Gupta - Ram Kumar Bhakat 371 Samarjit Kar Cell Ageing and Animal Cloning N. D. Paria - Sibdas Ghosh 375 S. C. Roy Status of Nitrate Concentration in Ground Water: a Case Study in Nadia District, West Bengal, COLLABORATORS India S. Aditya - S. Kar, D. K. Khan and S. C. Santra 379 Amiya Bagchi Recent Development in The Study of Turbulent B. B. Biswas Phenomena R. N. Chatterjee - N. C. Ghosh 383 D. P. Chattopadhyay SCIENCE CORNER Mihir Chowdhury The Duckworth-Lewis (D/L) Method of resetting D. P. Duary the target in interrupted one-day Cricket matches D. Ganguli - Anand G. Fadnis 390 S. K. Ghaswala XVIIth Training Programme on Science Irfan Habib Communication and Media Practice 2003 393 A. K. Hati A Brief Report on the XVIIth Training Programme S. B. Karmohapatro on Science Communication and Media Balaram Majumdar Practice-2003 C. H. Meheta 397 - Dipak Kumar Saha A. S. Mukherjee Meteorology and Media Biswapati Mukherjee 400 - R. N. Goldar S. K. Mukherjee Occupational Health-in Relation to Industrial S. P. Mukherjee R. P. Purkayastha 403 - A. Roy Chowdhury P. K. Ray Dynamics of Science Movements in Bengal Parimal Sen & Reporting

- Sabyasachi Chattopadhyay

405

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 Basudeb Barman
Professor Sujit Kumar Basu
Professor Jagadish Chandra Bhattacharyya
Professor Samir Kumar Brahmachari
Professor Dipankar Chakraborty
Dr. D. P. Duari
Professor Sudhendu Mandal
Professor Ananda Deb Mukherjee
Professor Biswapati Mukherjee
Dr. Debasish Mukherjee
Dr. G. B. Pant
Professor H. S. Ray
Professor Nityananda Saha

Members of the Editorial Board are also members of the Council

Professor Parimal Chandra Sen Professor M. Siddiqi Professor D. K. Sinha Professor S. K. Talapatra

	Human Genome Project and Human Cloning  — Ratul Datta		
	Herbal Medicine : An Issue for the Media	٠	406
	— Biswapati Mukherjee	***	410
	Radiation Hazard — S. C. Roy		*10
	E-Journalism : The Media of the Future  — Tapas Ray	***	411
	Salient Features for Science Writing for the Juvenile  — Bishnupada Chakraborty	***	412
	The Problem of Drug Addiction: How Science is Trying to Understand the Secrets of Drug Craving — Prof. J. J. Ghosh	**,	413
	Palit Deployage 1	***	413
	REPORT		
	Nobel Prize for Science : 2003 Chemistry		
	Physics	•••	414
	Medicine		417
	Economics	***	419
	NOTES AND NEWS	10.50	74
		***	424
	LETTERS TO THE EDITOR		
	Distribution of Freshwater Molluscs in Godavari River and its Systematic Position — P. K. Sukumaran		
		***	429
	Orobanche Parasitism on Parthenium Observed under North Bihar Condition  — K. Deo Singh		421
	Effect of Piriformospora indica on the growth	***	431
	of two different strains of Pea (Pisum sativum)  — Jayantraman		422
1		•••	433
	Wheat Yield Variability – A Geometric Explanation  — R. Jaishanker, A. V. Thomaskutty,		
	V. K. Sehgal and V. N. Sridhar		435
(	Observations of Sprites and ELVES glow over unusual Thunderclouds		
	- R. Bhattacharya, T. Datta and A. B. Bhattacharya		437
7		•••	431
	Variability of Physico-Chemical Properties in Oil of Different Genotypes of Cymbopogon flexuous (Lemongrass)		
	—Alok Pandey and Mukesh Kr. Pandey		439
(	On Phytosociological Establishment of Mangroves in Nayachar Island, Hooghly Estuary		
	-Ram Kumar Bhakat and G. G. Maiti		441