



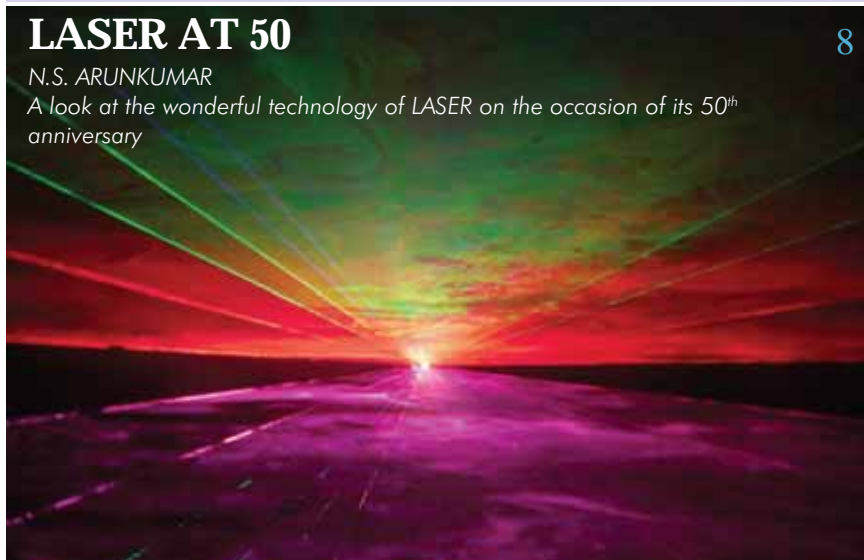
## COVER STORY

### LASER AT 50

N.S. ARUNKUMAR

A look at the wonderful technology of LASER on the occasion of its 50<sup>th</sup> anniversary

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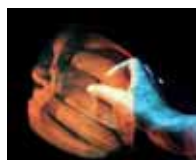
### HOLOGRAPHY:

Lensless  
Technology of  
3-D Imaging

P.K. MUKHERJEE &  
U.P. TYAGI

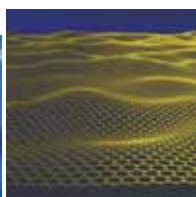
Holography finds use in innumerable fields with its applications being almost limitless

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### NOBEL PRIZES 2010

A look at this year's Nobel Prize winning work



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### WATER HYACINTH: BEFRIENDING THE NOXIOUS WEED

DIPANJAN GHOSH

It is high time we befriended the noxious water hyacinth rather than keeping it away

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### TALES FROM OUR GRANDMA – ARDI

T.V. VENKATESWARAN

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### LISE MEITNER: LADY WHO MISSED THE NOBEL

PARESH R. VAIDYA

Credited with the discovery of nuclear fission, curiously Lise Meitner never made it to the ranks of the Nobel Laureates

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### THE ETHANOL ENGIMA

M. SALEEMUDDIN

Ethanol has turned out to be a magic molecule that influences the lives of humans in many ways

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### MILLENNIUM PRIZE FOR PERELMAN

SUNITA CHAND & RAMESH  
CHANDRA PARIDA

A look at the pathbreaking work of Grigory Perelman who was recently nominated for the David Perelman Award

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### VALUES IN SCIENCE

NANDITA

Values are far more important in today's age of science and technology, than they were at any time

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