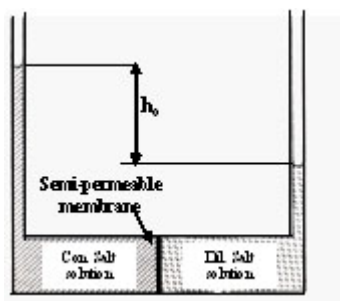


**SERIES ARTICLES**

37



- 04 The Indian Monsoon**  
*Physics of the Monsoon*  
Sulochana Gadgil

**GENERAL ARTICLES**

- 21 Jacobus Henricus van 't Hoff**  
*A Short Biographical Sketch*  
G Nagendrappa

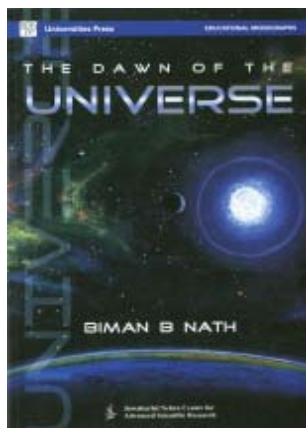
60



- 31 Nanomaterials for Hydrogen Storage**  
*The van 't Hoff Connection*  
C S Sunandana

- 37 Reverse Osmosis**  
Sudhakar M Rao

85



48



**41 Borromean Triangles and Prime Knots in an Ancient Temple**

Arul Lakshminarayan

**48 Mechanochemistry**

*The Amazing Viral DNA Packaging Molecular Motor*

K L Sebastian

**60 The Bycatch Problem**

*Effects of Commercial Fisheries on Non-Target Species in India*

Aaron Savio Lobo

**71 Gödel's Proof**

*Incompleteness Theorems*

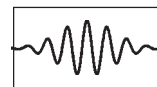
S M Srivastava

**BOOK REVIEWS**

**85 The Dawn of the Universe**

Tarun Souradeep

**DEPARTMENTS**



**Editorial** 01  
*Vasant Natarajan*

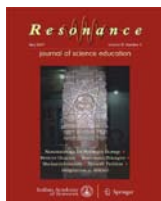


**Classics**  
Imagination in Science 88  
*Jacobus Henricus van 't Hoff*

**Inside Back Cover**

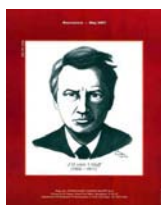
Flowering Trees  
(Credit: K Sankara Rao, IISc, Bangalore)

**Front Cover**



The Borromean triangles in the Marundheeswarar temple.  
(see article on p.41)

**Back Cover**



J H van 't Hoff  
(1852 – 1911)  
(Illustration: Subhankar Biswas)

