ARTICLES / SHORT FEATURES

**Plastics in the Oceans – Throttling Marine life** .... Pg 23
Vijay Dharmamony

**Novo-crafters – Robots for Pollination** .......... Pg 31
Monika Koul and A.K. Bhatnagar

**Paradise Lost: How Climate Change and Pollution Could Wreak Havoc in Antarctica?** .......... Pg 36
Felix Bast

**Southern Ocean – Sentinel of Global Warming?**
Rahul Mohan & Swati Nagar

**BOOK REVIEW**
**ISRO – A Personal History** .............................. Pg 46
Vinod Varshney

**REPORT**
**International Symposium in New Delhi** .......... Pg 49
addresses emerging challenges in Health Analytics and Disease Modeling
Prashant Raghav & Charu Verma

COVER STORY

**Macro-Plastics To Micro-Plastics – An Uncomfortable Convenience!**
Pg 14
The ease and convenience associated with the use of plastics over the last half century or so has come at a huge cost to the environment

CSIR Technology Showcase:
**Graphene-based Supercapacitors from Li-Ion Batteries** .
Pg 30
Kirti Bansal

DEPARTMENTS

**REACTIOnS** ............................................. 8
**EDITORIAL** .............................................. 9
**SPECTRUM** ............................................. 10
**PHOTO FEATURE** .................................... 34
**READERSHIP SURVEY** ................................. 51
**PUZZLE CORNER** ..................................... 52
**NATURE’S MARVELS** ................................. 54
**WHAT’S NEW** ........................................... 56
**INNOVATIVE MINDS** ................................. 58
**FUN QUIZ** ............................................... 60
**TEST YOUR KNOWLEDGE** ......................... 62
**CROSSWORD** ........................................... 64