

EDITORIAL

We are happy to bring out Volume 7 of the Biannual Journal of our college, CVR Journal of Science & Technology, with a wide spectrum of papers from different branches of Engineering, Science and Management. As was the case for the previous volumes, we received a number of papers. Out of the papers received, a limited number of 20 papers were selected for inclusion in the current volume, based on the recommendations made by the members of the Editorial Committee.

The breakup of the papers among the various disciplines is as follows:

CSE - 4; ECE - 8; EEE - 2; EIE - 2; IT - 1; H&S - 2; Mgmt -1

The authors include staff members of our college and some from external institutions as coauthors. Three papers in Computer Science are from outside. The Computer Science papers span the important areas of Networking, Semantic Web and Component-based frameworks.

Topics selected for publication also include research work into advanced subjects like cognitive radio, software defined radio, image processing, chip design, data mining etc.

The papers that are selected from EEE cover advanced topics such as multilevel inverters and smart grid. Steps are already initiated by the government of India to transform conventional grids in to smart grid. The paper covers various aspects of smart meters which include technologies used in smart meters.

We hope that the interest of staff members of all the departments of our college will grow further in contributing their research work in the journal. We have been including some papers from external organizations and it will be our attempt to attract more numbers from outside so as to broaden the scope of our journal.

I am grateful to all the members of the Editorial Board for their help in short listing papers for inclusion in the current volume of the journal. I wish to thank Sri K. Venkateswara Rao, Associate Professor and Sri B. P. Deepak Kumar, Programmer in the Department of CSE for help in the preparation of the papers in camera ready form for final printing.

K.V.Chalapati Rao
Editor