EDITORIAL

We are happy to bring out Volume 9 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. Out of the large number of papers received, 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:

Civil – 3, CSE -1; ECE - 12; EEE - 1; EIE – 1, Mech – 1, H&S -1

The authors include staff members of our college and some from external institutions as coauthors.

Topics selected for publication in ECE include research work in advanced areas like design of filters using FPGA, DOA Estimation, Digital ICs using cadence tools and ASIC implementation, etc.

The papers that are selected from Civil Engineering cover current trends and include topics such as ductility in reinforced concrete beam, magnetization of sulphate water in concrete, etc.

Keeping in view the outcome based education (OBE), which is receiving importance in the present technical scenario, the journal includes a paper from CSE that describes a methodology for measuring the effectiveness of OBE through programme educational objectives (PEOs) and programme outcomes (POs). The methodology described was adopted for department of CSE.

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 S. Prashanth, DTP Operator in the Department of H&S for help in the preparation of the papers in camera ready form for final printing.

K.V.Chalapati Rao

Editor