

# EDITORIAL

We are glad to bring out Volume – 17 of the Biannual Journal- CVR Journal of Science and Technology, due in December 2019. This Volume has DOI number and e-ISSN number along with print ISSN number on the cover page. Every research article published is given DOI number and they can be accessed on- line. On line portal is also created for the Journal. This Volume is also brought out in time, with the co-operation of all the authors and editorial team, despite some issues with Anti-plagiarism software. We are thankful to the Management for supporting this activity, and permitting to publish the journal in colour print, using quality printing paper.

The Volume covers research articles in the following branches of engineering. The breakup of papers among various branches is:

**CIVIL – 5, ECE – 5, CSE– 4, EEE – 5, EIE – 3, MECH – 3.**

In this issue, total number of research articles published is increased to 25.

This issue has an article on Strength and Durability Studies on Steel Fibre Reinforced Self Compacting Concrete. On similar lines another article on Self-cured High Strength Concrete is also published. In the field of communications, an article on Automatic Aircraft Tracking with RTL-SDR is also published. For Future Ultra-Wideband Applications, a Semi-circular Slotted Monopole Antenna is proposed, and an article is published regarding the same. In another article related to LVDT, an Efficient Approach for Optimization of Nonlinearity Response is explained. On Robotics, Virtually Transcribed and Restrained System is described in one article. Another article on Brain Image Registration using Evolve Contourlet Transform - An Efficient way to Register the Monomodal MRI-T2 Images, is published which has medical applications. Similarly, there are 25 such articles in different branches of engineering. Hope these articles make an interesting reading for researchers.

The college has many accomplishments and to name a few, it obtained **NBA Tier 1 accreditation for its UG Programs, NAAC ‘A’ grade, UGC autonomous status, National Employability Award** for seventh year in a row and received a very high rating by several ranking agencies including the most recent Education World ranking of third best college in Telangana and Outlook magazine, rating CVR CE, one among the **top 100 colleges in the country**, and **AAAA grade** from Careers 360. The college received the **ISTE Best Engineering College award**. The college received Rs. 2.87 crores from New Gen IEDC of DST.

I am thankful to all the members of the Editorial Board for their help in reviewing and short listing the research papers for inclusion in the current Volume of the journal. I wish to thank **Dr. S. Venkateswarlu, HOD, EEE** for the effort made in bringing out this Volume. Thanks are due to **HOD, H & S, Dr. G. Bhikshamaiah** and the staff of English Department for reviewing the papers. I am also thankful to **Smt. A. Sreedevi, DTP Operator** in the Office of Dean Research for the effort put, in the preparation of the papers in Camera Ready form.

For further clarity on waveforms, graphs, circuit diagrams and figures, readers are requested to browse the soft copy of the journal, available on the college website [www.cvr.ac.in](http://www.cvr.ac.in) wherein a link is provided. Authors can also submit their papers through our online open journal system(OJS) [www.ojs.cvr.ac.in](http://www.ojs.cvr.ac.in) or [www.cvr.ac.in/ojs](http://www.cvr.ac.in/ojs)

**Prof. K. Lal Kishore**