

# EDITORIAL

It is with immense pleasure that we bring out Volume – 16 of the Biannual Journal- CVR Journal of Science and Technology, due in June 2019. This is the first Volume carrying 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. We are thankful to the Management for supporting this activity, and permitting to publish the journal in colour print, using quality printing paper.

In this issue, an interesting article regarding durability studies on glass fibre reinforced self compacting concrete is published. Also, an article on comparative study of Green Building rating system in India, in terms of energy and water is published. Some other articles are on Industrial IOT Gateway configurator, Optimized Fast Walsh Hadamard Transform, ASIC implementation of Various Sorting Techniques for image processing application, Personalized Medicine in Health care using Data Mining Techniques etc.

We are encouraging PG students also to publish papers based on their one-year project work and wish that the quality of their project works and that of the M-Tech programme will improve, by this.

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

**CIVIL – 4, ECE –5 , EEE – 3, EIE – 1, CSE– 4, IT- 3, MECH- 2 ,H & S (Maths)-1.**

In this issue, total number of research articles published is increased to 23.

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 **AAA grade** from careers 360. The college received the **ISTE Best Engineering College award** and, the Director Dr. K. Rama Sastri, the **ISTE Lifetime Achievement Award** in 2017.

The college has been creating records year after year. With more than 100 companies visiting CVR and more than 650 placements for the 2017-18 academic year, it is the highest among the peer group of colleges. The highest offer is Rs. 24 Lakhs and close to 40 students got offers higher than Rs. 7 Lakhs. About 75 offers are higher than Rs. 5 Lakhs. With this, CVR becomes the leading college in entire Telangana in terms of the offers with higher salaries. CVR has made huge progress in a short span of time and is preferred by the students and parents during the EAMCET counseling this year and is among **the top 3 colleges** in the state.

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 and Dr. R. Ponnusamy, Professor of CSE, Associate Editors** 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 to see that grammatical and typographical errors are corrected. 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**  
**Editor**