

EDITORIAL

It is with immense pleasure that we bring out Volume-19 of the Bi-annual CVR Journal of Science and Technology, due in December 2020. We could bring out this Volume without any delay, despite the educational institutions being closed down, for a long time, due to COVID-19 Pandemic. Normal functioning is not yet restored even now. Teaching and Research works are badly affected due to Corona Virus. Teaching is being done on-line, which has its own disadvantages. Some practical classes are to be conducted in virtual mode. This will have its own impact on quality of education.

New academic year 2020-21 has begun under these circumstances. With all such constraints, bringing out Volume-19 of CVR Journal in time was really a challenge. Editorial Team of CVR Journal thanks all the authors, contributors, reviewers and the management, for helping us, in bringing out Volume-19, with 25 research articles, in this difficult period. As all educational institutions were closed for a long time, authors and reviewers and all of us had many constraints. We have received less number of research articles this time, for selection. Hope normalcy will be restored soon.

This Volume covers research articles in the following disciplines:

ECE – 6, EEE – 5, MECH – 9, CSE – 2, IT – 2, CIVIL – 1.

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. We are thankful to the Management for supporting this activity, and permitting to publish the journal in color print, using quality printing paper.

In this issue, an interesting article on Man Machine Interface Design is published. One of the authors of this article is working as senior engineer in a reputed industry. Another article on Performance Evaluation of Switched Reluctance Motor in PV-fed Water Pump System is also published. The article on Memetic Particle Gravitation Optimization related to Wireless Networks must make interest reading. Research article on Parametric optimization of submerged arc welding using Taguchi method on P91 steel is also included in the articles. Total of 25 research articles are published in this issue. Hope these articles will generate lot of interest among researchers. Some authors from this college are collaborating with faculty of other institutions and publishing research articles.

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 Associate Editor **Dr. S. Venkateshwarlu, 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 preparation of research 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 wherein a link is provided. Authors can also submit their papers through our online open journal system (OJS) www.ojs.cvr.ac.in or www.cvr.ac.in/ojs.

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Editor