

From the Desk of the Editors

It is a matter of great pride and privilege to act as the Editors of “Reason-2018” issue. Throughout the years it has grown by leaps and bounds and established itself as a platform for good quality research publication.

2018 issue of Reason- A Technical Journal is being published as a special issue comprising of some select research articles presented in the National Conference on Trends and Advances in Mechanical Engineering (TAME 2019) held at Kalyani Government Engineering College as a part of the centenary celebration of The Association of Engineers, India, jointly organized by Kalyani Government Engineering College, Kalyani and Global Institute of Management and Technology, Krishnanagar. A total of six articles are published in this issue.

Articles are from a range of variety of topics. These include discussion on issues of automation of PTFE handling system for mould filling, optimization of process parameters for a welding process using TOPSIS algorithm, review of exploring air flow field around a grinding wheel, procedure of the development and testing of a magnetic reciprocating engine, experimentation on grinding under different environmental conditions using different nozzle designs and outlining the idea of concentrated solar thermal power plant with multi-PCM reservoirs for power generation. Hope readers of this issue of the journal will take keen interest in the articles published, and would refer these articles in their future research papers.

All the published articles of 'Reason- A Technical Journal' are abstracted using Crossref-USA, i-Scholar and j-Gate. Each article is being assigned a digital object identifier (DOI) in the format: <http://doi.org/10.21843/reas/#####/#####>. All the published articles in this Journal and also its previous version as Reason- A Technical Magazine are freely available online as 'Open Access' in the website, www.i-scholar.in/index.php/RTJ. We are serious about plagiarism, and all the articles are plagiarism checked using 'Turnitin' software with the facility of 'Crossref' powered by 'iThenticate'. A maximum of 20% similarity content is considered to select an article for publication in this journal.

Contents of the journal volume can be circulated through social networking websites like Facebook, LinkedIn, etc. Authors can also freely upload the articles in their personal or institutional repository, and also in ResearchGate, Academia.com, etc. networking websites among the researchers, for wide dissemination of their articles.

Further, we would like to acknowledge sincerely the sincere efforts extended by the honorable reviewers for their great job to improve quality of a manuscript through their valuable comments. The Principal, Kalyani Government Engineering College, Kalyani, always extends support and encouragement to bring out this journal. Members of Editorial Board have also given their advice time to time. The Editors wish to thank all concerned who extended support in some way or other to facilitate its publication. Authors of articles are also thanked for selecting this journal for submitting their articles. Abstracting, digitizing, plagiarism checking, posting articles in i-Scholar platform are provided by M/s. Informatics Publishing Limited, Bangalore, and the Editors will fail in their duties if they do not acknowledge the enormous support extended by this organization not only to raise and maintain the standard of this journal, but also to spread the published articles across the globe through the citation system and making the articles available easily to the scientific community of the World.

We should mention that there is no processing charge for publication of articles in Reason- A Technical Journal, and author(s) would receive a hard copy of the Journal free of cost. We would like to encourage Researchers to submit their original research works in all areas of Engineering, Management and Applied Sciences. With these words, we hope that this issue will live up to the standard set by the previous issues.

Kalyani
April 08, 2020

Prof. Dr. Santanu Das
Dr. Sanchayan Mukherjee
Editors