

From the Desk of the Editors

These editors were assigned to publish volume XVII and volume XVIII of Reason- A Technical Journal as the special issues of the National Conference, TAME 2019 organized at Kalyani Government Engineering College, Kalyani. Volume XVII of Reason- A Technical Journal has already been published online in i-Scholar and j-Gate platform earlier in this year. Now, Volume XVIII of this Journal is going to be published amidst lushing greenery all around in this rainy season. The threat of Covid-19 pandemic could not deter the editors to go ahead with this publication with the 'New Normal' system of 'Work from Home' persisting.

This special issue (Volume XVIII, 2019) of Reason- A Technical Journal comprises of four research articles presented in the National Conference on Trends and Advances in Mechanical Engineering (TAME 2019) held at Kalyani 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. There are also four articles other than that presented in TAME-2019. A total of eight articles are included in this issue.

Throughout the years this journal has established itself as a platform for good quality research publication. And in this issue, articles are there from a range of variety of topics. Topics include discussion on "Effects of a Crack in Statically Loaded Structural Elements with the Aid of Piezosensor", "Numerical Validation of Flow Boiling Analysis", "MHD Convection in a Lid-Driven Cavity", "Assessment of Water Surface of Reservoirs", "Two Dimensional Grid Transformation", "Case Study of Low-Pressure Die Casting", "Influence of Corner flow on Mixed Convection" and an interesting work on "Identification of goat breeds by digital image using Convolution Neural Network".

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.

The Editors sincerely acknowledge the contribution of the honorable reviewers to improve quality of a manuscript through their valuable comments. The Principal, Kalyani Government Engineering College, Kalyani, has extended support and encouragement as usual to publish this journal even within this Lockdown situation. 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. M/s. Informatics Publishing Limited, Bangalore deserves special acknowledgement for their enormous support for publishing this journal online to draw global attention of readers to the articles published.

We should mention that there is no processing charge for publication of articles in Reason- A Technical Journal. All the necessary expenses are borne by The Government of West Bengal since the beginning of publication of this journal. Researchers are requested to submit original research works in any areas of Engineering, Management and Applied Sciences for its future issues. We hope this issue will be found interesting by the readers, and they will refer these articles in their future research works.

Kalyani
July 01 2020

Prof. Dr. Santanu Das
Dr. Sanchayan Mukherjee
Editors