

*From the Desk of the Editor*

We have come to the end of the Year 2020, and this year has experienced with the bad effects of Covid-19 pandemic situation throughout the globe. Normal activities of the human being were badly affected. Still the pandemic situation prevails with the partial withdrawal of lock-down condition. People are asked to maintain safety precautions by wearing proper mask and keeping physical distancing by 2 metre. Publication of the Journal of the Association of Engineers, India also got affected in this situation. Now that the situation is somewhat improved (?), local railway services commenced and few printing presses started operation, hardcopy of Volume 89 No.3-4 (July-December) 2019 issue of the Journal of the Association of Engineers, India could only be delivered early this month and hope, by this time it has reached you.

Now, the work of publishing Vol. 90, No. 1&2, 2020 issue of this journal is being taken up although the articles were accepted for publication by March or April this year. Like the previous two issues, in this issue also, revised and plagiarism checked articles that were presented in the Conference of Trends and Advances in Mechanical Engineering (TAME-2019) held at Kalyani Government Engineering College, Kalyani on February 15-16 2019 and jointly organized by The Association of Engineers, India, Kalyani Govt. Engineering College, Kalyani and Global Institute of Management and Technology, Krishnagar as a part of the Centenary Celebration of the Association of Engineers, India, are published along with some other articles. Also the column, 'President Speaks', is placed in this issue as that of the last issue.

In the current issue, articles on varying areas are published, along with the regular sections. The first article explores 'Stress Analysis of Smart Support for Process Pipeline Systems by CAESAR Software' contributed by Dr. Subhasish Das and others from Jadavpur University, Kolkata. The second article on "Free Vibration Analysis of Pre-Twisted Composite Sandwich Conical Shells Containing Debonding" is also contributed by a group of Jadavpur University lead by Prof. Amit Karmakar.

The article on "Weld Bead Profile of Duplex Stainless Steel Bead on E350 Low Alloy Steel Plate Done by FCAW Using 100% CO<sub>2</sub> as Shielding Gas" is contributed by Manas Kumar Saha and Santanu Das of Kalyani Govt. Engineering College, Kalyani. Another paper on "An Investigation on Turning of Hardened Steel Using Coated Carbide Inserts" from the same college is published by Krishnendu Mondal et al. Ujjal Baidya et al. working under this college only has contributed to the article, "Analyzing Short Porous Hydrodynamic Journal Bearing Numerically Considering Micropolar Lubrication and Isotropic Roughness".

"A Review on Laser Assisted Jet Electrochemical Machining Process" is an article published by Indranil Mandal and Dr. Biswanath Doloi of Jadavpur University. Another research paper, "A Study on Kerf Width of En47 Steel in WEDM" is made by S. Banerjee, B. Panja and S. Mitra from Jalpaiguri Govt. Engg. College, Jalpaiguri and Narula Institute of Technology, Agarpara.

Er. Bhaskar Chakraborty has shared his experience through the article, "Should Safety Personnel be Held Accountable for Incidents- An Analysis" at the end.

Reports of few events that were organized by The AEI during January-June 2020 before the lock-down situation apart from conducting the course, Advanced Diploma in Industrial Safety, are also there in brief in the Activity Report of the Honorary Secretary.

During January-June 2020, we have lost Prof. Bimal Chaudhury. Obituary in memory of him is included in this issue of the journal.

Discussion on the published articles are requested to publish in the journal. Members may please communicate their achievements to publish in the column, 'Member in the News'.

The available articles are abstracted and digitized and are present in the website, [www.i-scholar.in/index.php/JAEI](http://www.i-scholar.in/index.php/JAEI). You may please go through the same. Authors are requested to use 'ResearchGate' and similar other social networking sites for circulating their papers widely among the world community.

Articles are invited for consideration for publication in the Journal of the Association of Engineers, India. Authors are requested to follow 'Author Guideline' given at the Association website. They would have to submit a 'Declaration' before publication of the article in the journal. A conference paper may also be published in this journal after appropriate extension and revision through the process of peer review. Conference organizers may contact the Editor in this regard.

Wish you all a Happy New Year 2021 !!

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