
RESEARCH PUBLICATIONS

- Noor, S. and Rahman, A. (2019), “Recent advances in the use of remote labs in fluid mechanics: a review”, Chapter 18 in the book “Blended Learning in Engineering Education: Recent Developments in Curriculum, Assessment and Practice”, pp. 291-303, CRC Press. ISBN: 9781138056220.
<https://www.taylorfrancis.com/chapters/recent-advances-use-remote-labs-fluid-mechanics-noor-rahman/e/10.1201/9781315165486-18>
- Ehsan, M. M., Noor, S., Salehin, S. and Sadrul Islam, A. K. M. (2015), “Application of nanofluid in heat exchangers for energy savings”, Chapter 4 in the book “Thermofluid Modeling for Energy Efficiency Applications”, pp. 73-101. Academic Press, Elsevier. ISBN: 978-0-12-802397-6.
<http://www.sciencedirect.com/science/article/pii/B978012802397600004X>
- Noor, S., Ehsan, M. M., Mayeed, M. S. and Sadrul Islam, A. K. M. (2014), “Study of convective heat transfer for turbulent flow of nanofluids through Corrugated Channels”, ASME 2014 International Mechanical Engineering Congress and Exposition, pp. V08AT10A035. American Society of Mechanical Engineers. ISBN: 978-0-7918-4955-2.
<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=2205242>
- Noor, S., Ehsan, M. M., Mayeed, M. S. and Sadrul Islam, A. K. M. (2015), “Convective heat transfer and pumping power requirement using nanofluid for the flow through corrugated channel”, ASME 2015 International Mechanical Engineering Congress and Exposition, pp. V08AT10A017. American Society of Mechanical Engineers. ISBN: 978-0-7918-5749-6.
<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=2501023>
- Ehsan, M. M., Noor, S., Salehin, S. and Sadrul Islam, A. K. M. (2016), “Study of turbulent convective heat transfer enhancement by Al_2O_3 -water nanofluid through a rough circular tube”, Applied Mechanics and Materials, vol. 819, pp. 341-345, Trans Tech Publications. ISBN-13:978-3-03835-674-5,
<http://www.scientific.net/AMM.819.341>
- Salehin, S., Ehsan, M. M., Noor, S. and Sadrul Islam, A. K. M. (2016), “Modeling of an optimized hybrid energy system for Kutubdia Island, Bangladesh”, Applied Mechanics and Materials, vol. 819, pp. 518-522, Trans Tech Publications. ISBN-13:978-3-03835-674-5.
<http://www.scientific.net/AMM.819.518>
- Ehsan, M. M., Noor, S. (2016), “Investigation of thermofluid behaviour of nanofluid through a corrugated tube”, International Journal of Research in Engineering and Technology, vol. 05 (07), pp. 397-404.
<https://ijret.org/volumes/2016v05/i07/IJRET20160507063.pdf>
- Ehsan, M. M., Noor, S. (2016), “Study of heat transfer performance and pumping power improvement of nanofluid through a rough circular tube”, International Research Journal of Engineering and Technology, vol. 03 (06), pp. 1709-1717.
<https://irjet.net/archives/V3/i6/IRJET-V3I6320.pdf>
- Noor, S., Ehsan, M. M., Salehin S. and Sadrul Islam A. K. M. (2014), “Heat transfer and pumping power using nanofluid in a corrugated tube”, 19th Australasian Fluid Mechanics Conference (AFMC), RMIT University, Melbourne, Australia.
<http://people.eng.unimelb.edu.au/imarusic/proceedings/19/522.pdf>
- Noor, S. and Rahman, A. (2016), “Use of virtual and remote laboratories: opportunities for fluid mechanics subject in Western Sydney University”, International Conference on Engineering Education and Research, Parramatta, NSW, Australia.
<http://researchdirect.westernsydney.edu.au/islandora/object/uws:39677>
- Noor, S. and Rahman, A. (2016), “Regional flood modelling in Tasmania: comparison of ARR RFFE model and kriging”, Hydrology and Water Resources Symposium, Queenstown, New Zealand.
<https://researchdirect.westernsydney.edu.au/islandora/object/uws:39759>
- Mamoon, A., Noor, S., Rahman, A. and Almasri, S. (2016), “National sea outfall assessment in Qatar: opportunities and challenges”, Hydrology and Water Resources Symposium, Queenstown, New Zealand.
<https://researchdirect.westernsydney.edu.au/islandora/object/uws:39758>

- Patwari, M. A. U., Mahmood, M. N., Noor, S., Shovon, M. Z. H. (2013), "Investigation of machinability responses during magnetic field assisted turning process of preheated mild steel", *Procedia Engineering* (Elsevier) 56, pp. 713-718.
<http://www.sciencedirect.com/science/article/pii/S1877705813005377>
- Patwari, M. A. U., Noor, S., Chowdhury, M. S. I. and Towfiqullah (2013), "Effect of external magnetic field on drilled hole quality during drilling operation", *International Conference on Mechanical, Industrial and Materials Engineering (ICMIME)*, Rajshahi University of Engineering & Technology, Bangladesh.
<http://icmime-ruet.ac.bd/2013/Contents/Technical%20Papers/Industrial%20Engineering/IE-28.pdf>
- Patwari, M. A. U., Noor, S., Rassel, M. O. R. and Sunny, T. M. M. (2013), "Effect of ultrasonic sound signal on machinability control during turning operations of mild steel", *International journal of Electrical Energy*, vol. 1, issue 2, pp. 113-116.
<http://www.ijoe.org/index.php?m=content&c=index&a=show&catid=32&id=39>
- Khattak, M. A., Sameem, S., Noor, S. and Borhana, A. A. (2019), "Failure Analysis of a cracked heat exchanger tube", *Journal of Multidisciplinary Approaches in Science (JMAS)*, vol. 8, Issue 1, pp. 10-15.
https://www.jmas.biz/uploads/158/6387_pdf.pdf
- Khattak, M. A., Ali, R., Aji, R., Robinson, W., Sonar, R. D., Noor, S., Sameem, S. and Borhana, A. A. (2019), "Root Cause Failure Analysis (RCA) of Above Ground Vertical Storage Tank Damaged Plate", *Journal of Multidisciplinary Approaches in Science (JMAS)*, vol. 1, Issue 1, pp. 1-7.
https://www.jmas.biz/uploads/158/6011_pdf.pdf
- Khattak, M. A., Sameem, S., Noor, S. and Ahmed, H. (2019), "Failure analysis of a corroded refinery oil tank floor plate", *International Journal of Multidisciplinary Approaches in Engineering (IJMAE)*, vol. 1, Issue 1, pp. 1-8. <http://www.assaar.co.uk/wp-content/uploads/2019/10/IJMAE-190917-01.pdf>