

H.Mohammed Ali , M.Tech., (Ph.D.),

Assistant Professor (Senior Grade)

Dept of Mechanical ,CET,SRMIST

Ramapuram Campus, Chennai -89

Email : mohammeh@srmist.edu.in



Overview :-

H.Mohammed Ali Working as an Assistant Professor in the Department of Mechanical Engineering at SRMIST,Ramapuram. He secured Master of Engineering in SRM Institute of Science and Technology at, Chennai, India. He is Pursuing his Ph.D. in the field of Domestic Effluent Treatment Plant at SRMIST Kattankulathur Campus ,India. He is in teaching profession for more than 11 years and Industrial Work experience of 12 years. He has presented number of papers in National and International Journals, Book publication Conference and Symposiums .

Areas of Research:

Effluent Treatment Plant –STP and WTP

Selected Publications:

1. Flash Pyrolysis Experiment on Albizia odoratissima Biomass under Different Operating Conditions: A Comparative Study on Bio-Oil, Biochar, and Noncondensable Gas Products , H.Mohammed Ali , Volume 2022 doi.org/10.1155/2022/9084029
2. Design and Fabrication of Industrial Robotic Trolley with Automatic Control System, H.Mohammed Ali , 0976-2973 (Print) :2321-581X (Online) -Vol 13 ,2022 ,doi.org/10.52711/2321-581X.2022.00004
3. Effect of walnut powder reinforcement on the mechanical properties of biodegradable natural flax/hemp fibre-based composites , H.Mohammed Ali Volume 69, Part 3, 2022, Pages 1387-1393 doi.org/10.1016/j.matpr.2022.09.203
4. Influence of nano titanium oxide reinforced Al-7075 matrix composites in stir casting method H.Mohammed Ali 2214-7853 , Volume 69, Part 3, 2022, Pages 1381-1386 ,doi.org/10.1016/j.matpr.2022.09.202
5. Influence of Nano - Microfiller addition on Mechanical and Morphological performance of Kenaf - Glass Fibre - Reinforced Hybrid Composite 1687-4110 , Volume 2022, Article ID 9778224, 10 pages, doi.org/10.1155/2022/9778224
6. IoT Based Recycling Paper Transformation Machine 0976-2973 , 0976-2973 (Print) :2321-581X (Online) -Vol 13 , doi.org/10.52711/2321-581X.2022.00004

Patents:

1 . 202041055463 -Method Tto Support the Two-Wheeler And Rider During Slow moving Traffic with Auxiliary Support Legs - 21/12/2020

Books/Book Chapters Published:

1. **Fundamentals of Mechanical Engineering** by Jayalakshmi Publications
ISBN No: 978-93-91987-15-2

Professional Bodies:

Member –IAENG

Google Scholar:

<https://scholar.google.com/citations?hl=en&user=g4rSS5wAAAAJ>

LinkedIn:

<https://www.linkedin.com/in/h-mohammed-ali-6999259b/>