

DEPARTMENT OF MECHANICAL ENGINEERING

SHABDKOSH

NEWS LETTER

volume : 15

Issue:3

Dec - Feb



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Faculty Publications



**Dr. Itha
Veeranjanyulu**

Friction and wear optimization of SiC/graphite reinforced AZ31 hybrid composite using Taguchi method, International Journal on Interactive Design and Manufacturing, 1955-2505
(ESCI-Scopus)



Dr. P.S. Ranjit

AI-IOT-Based Adaptive Control Techniques for Electric Vehicles, Electric Power Components and Systems, 1532-5008
(ESCI-Scopus)



Dr. Elumalai PV

Experimental Studies to Reduce Usage of Fossil Fuels and Improve Green Fuels by Adopting Hydrogen-Ammonia-Biodiesel as Trinary Fuel for RCCI Engine, ACS Omega, 24701343
(ESCI-Scopus)

Compatibility Effects of Waste Cooking Oil Biodiesel Blend on Fuel System Elastomers in Compression Ignition Engines, ACS Omega, 24701343
ESCI-Scopus)

Faculty Publications



**Ms. A. Sirisha
Bhadrakali**

Effect of heat input on microstructure and mechanical properties of bimetallic wire arc additive manufacturing of SS304L and ER308L prepared by hybrid manufacturing process, International Journal on Interactive Design and Manufacturing, 1955-2505
(ESCI-Scopus)

Heat Treatment Effects on Wire and Arc Additive Manufactured ER308L Components, International Journal of Vehicle Structures and Systems, 0975-3540
(Scopus)



**Dr. M.
Zubairuddin,
Dr. Sandip Kumar**

Effect of Backing Mediums During TIG Welding: A Case Study, J. Inst. Eng. India Ser. C, 2250-0553
(Scopus)



**Dr. Zeeshan
Ahmed**

Natural convection within enclosures for thermal management in low-pressure environments, International Journal of Heat and Fluid Flow, 0142-727X
(SCIE - Scopus)

Faculty Achievements

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Congratulations



Dr. P.V.ELUMALAI, Ph.D.

Invited as Session Chair in 6th International Conference on
"Advancement in Materials & Manufacturing (ICAAMM - 2024)"
at
MLR Institute of Technology, Hyderabad
Date : 17-02-2024 Mode : ONLINE

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Dr. P.V.ELUMALAI, Ph.D.

for being appointed as Associate Editor of
"International Research Journal of Multidisciplinary Technovation (IRJMT) (E ISSN 2582-1040)"
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Dr. P.S. RANJIT, Ph.D.,
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Dr. P.V. ELUMALAI, Ph.D.
for being appointed as Section Editor of
"International Journal of I.C. Engines and Gas Turbines"
Indexed by DRJI

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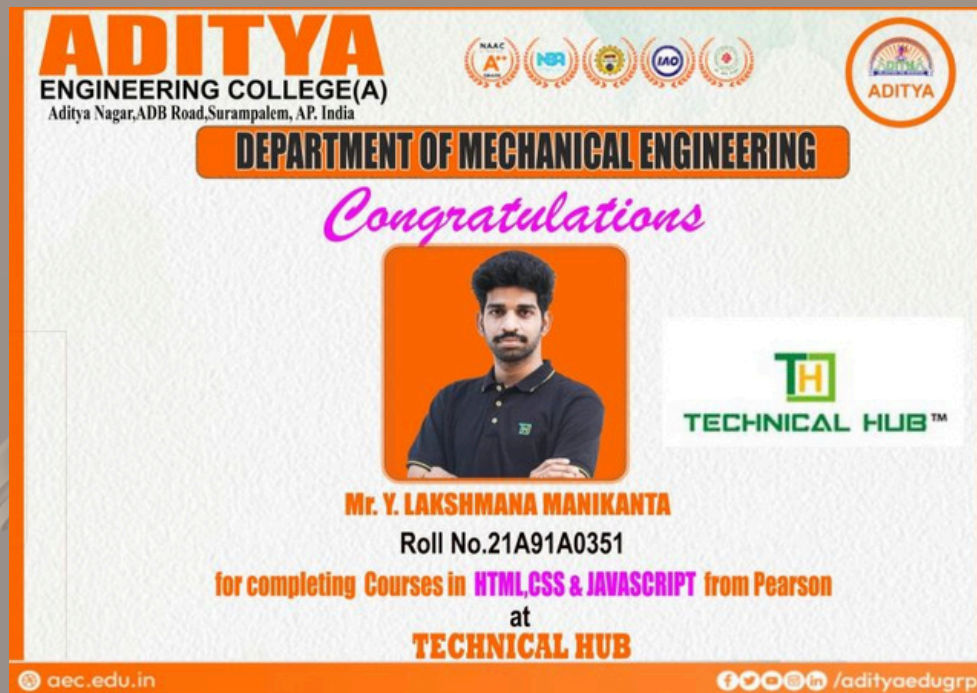
Mr. B. RAMBABU
Roll No.21A91A0357
for completing Courses in **HTML, CSS & JAVASCRIPT** from Pearson
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