

# EDITORBOARD IJMERR



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### General Information

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**Frequency:** Bimonthly

**DOI:** 10.18178/ijmerr

**Abstracting/Indexing:** Scopus, CNKI, Google Scholar, Crossref, etc.

**E-mail questions to IJMERR Editorial Office.**

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**APC:** 450 USD

**Average Days to Accept:** 118 days

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**International Journal of Mechanical Engineering and Robotics Research.** IJMERR is a scholarly peer-reviewed international scientific journal published bimonthly, focusing on theories, systems, methods, algorithms and applications in mechanical engineering and robotics. It provides a high profile, leading edge forum for academic researchers, industrial professionals, engineers, consultants, managers, educators and policy makers working in the field to contribute and disseminate innovative new work on Mechanical Engineering and Robotics Research. All papers will be blind reviewed and accepted papers will be published bimonthly, which is available only online (open access).

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Mohamed Aly Abdel Kader\* and Abdelstam Aarhaque

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Kriengkrai Nabudda, Jarupol Suriyawansakul\*, Vichit Tansakul, Meechai Vongvorn

**03** Experimental Investigation of Cylinder Rotation Effect on the Advancing Side to Savonius Wind Turbine Performance

Priyo A. Setiawan\*, Triyogi Yuwono, Projek P. S. Lukitadi, Emie Santoso, Napem Ariwijono, Muhammad Shoh, Rombom Anshin, Rudi

**04** Modeling and Designing Hierarchical Sliding Mode Controller for a 4-DOF Solar Autonomous Underwater Vehicles

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Sergio A. Perluza\*, Cesar A. Perla, and Cristhian I. Rada

**06** Hierarchical Control and Subgroup Formation for the Robotic Swarms in Patrol Missions

Kazuho Kobayashi\*, Takehiro Higuchi, and Seiya Ueno

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**Research Interest:** Structural Durability with Random Loadings and on Thermomechanical Stress Analysis and Low-cycle Fatigue

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Dept. of Industrial and Information Engineering at the University of L'Aquila, Italy

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**Research Interest:** Mechanical Engineering

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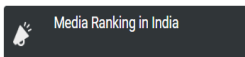
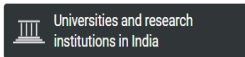
**Research Interest:** Chemical Engineering, Thermal and Fluid Science, Heat and Mass Transfer



## International Journal of Mechanical Engineering and Robotics Research

### COUNTRY

India



### SUBJECT AREA AND CATEGORY

Computer Science  
└ Artificial Intelligence

Engineering  
└ Control and Systems  
└ Engineering  
└ Mechanical Engineering

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15

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### SCOPE

IJMERR invites original, previously unpublished, research, survey and tutorial papers, plus case studies and short research notes, on both applied and theoretical aspects of Mechanical Engineering and Robotics. Mechanical Engineering: -Acoustics- Analytical mechanics- Applied Mechanics- Computational mechanics- Combustion and Fuels- Controls and Dynamics- Environmental Management- Fluid Mechanics- Heat Transfer and Thermal Power- I.C. Engines & Automobile Engineering- Industrial Engineering & Management- Machine Design- Manufacturing Engineering- Material Science & Metallurgy- Mechatronics- Operations Research and Industrial Management- Production Management- Refrigeration & Air-Conditioning- Rotor dynamics- Solid mechanics- Thermodynamics and Combustion Engineering- Tribology and Terotechnology. Robotics: -Active perception & 3-D perception- Artificial intelligence- Automatic 3D buildings design- Automation, CNC Machines & Robotics- Autonomous robotic vehicles- Evolutionary robotics- Gaits of humanoids- Hardware architecture for humanoids- Humanoid motion planning- Industrial Robotics- Intelligent Control systems- Legged locomotion- Microsensors and actuators- Mobile robots- Multi-robot systems- Neural decoding algorithms- Robotics and Robot Applications- Path Planning- SLAM Algorithms- Robot cognition, adaptation and learning- GA and neural networks for mobile robots- Space robotics

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