

**Special Issue on**

**Advanced and Sustainable Light Weight Solutions for  
Automotive & Aerospace Sector: Metals & Non-Metals**



# Call For Papers

A new Special Issue *Advanced and Sustainable Light Weight Solutions for Automotive & Aerospace Sector: Metals & Non-Metals* (<http://www.ijmsa.org/sinfo/123037>) has been launched in *International Journal of Materials Science and Applications* (<http://www.ijmsa.org>). This Special Issue intends to collect research achievements concerning Automotive & Aerospace Solutions. Novel insights as well as fundamental research on the topics are warmly welcomed. Your submissions along with your ingenious works are expected.

## Lead Guest Editor

Lead Guest Editor: Vikrant Garud

Affiliation: School of Automobile, Symbiosis Skills and Open University, Kiwale, Pune, Maharashtra, India

## Paper Submission

Potential authors are humbly requested to submit an electronic copy of their complete manuscript via <http://www.ijmsa.org/submission>

### Topics of Interest Include (but not limited to):

- ◆ Advances in forging technology for light weighting of Automotive Components
- ◆ Light weighting through 3D Printing and its application for Automotive Components
- ◆ Challenges in Manufacturing: Ti, Al & Mg Automotive Components
- ◆ Advances in Design technology and its application for light weighting of automotive components
- ◆ Light weighting of Automotive Electronics Components
- ◆ Joining of Automotive structures by clinching and self-Pierce Riveting
- ◆ Low cost Titanium for Engine Components
- ◆ Light weighting through structural Polymers
- ◆ Opportunities in light weighting of Electric Vehicles
- ◆ Light weighting of electric vehicle's battery unit
- ◆ Bio-fabric/Bio-material, biopolymers and Foams for seats
- ◆ Development of mono-material processes for multi-materials for multi-point joining
- ◆ Application of Metal injection molding for Manufacturing Automotive Components
- ◆ Application of Additive layer manufacturing for Manufacturing Automotive Components
- ◆ Light weighting Through Joining Technology
- ◆ Advances in modelling tools: Multi-material load-bearing structures
- ◆ Advances in joining Dissimilar Automotive materials
- ◆ Advances in Hydroforming of Auto Components
- ◆ Light weighting Through Ultra High Strength Steels

## Important Dates

Submission Deadline **Jul. 30, 2020**

Publication Deadline: **Sep. 30, 2020**



## Join as Guest Editor

For scholars who have intention to join the special issue as guest editor, please check out the link below:

<http://www.ijmsa.org/jsjt/123037>