



## Creation of Mushika-02

Mushika FSAE ITB

<https://www.facebook.com/MushikaFSAE?ref=hl>



### 今回の総合結果・部門賞

●総合 76位

### Profile チーム紹介・今までの活動

We are Mushika FSAE ITB. We are mostly Mechanical Engineering students from Institut Teknologi Bandung, but some of us were from Aerospace and Electrical Engineering too. This year we finished the production of our car, Mushika-02 and conducted some performance tests of the car.

### Team-member チームメンバー

#### Randianto Susilo (CP)

Toto Hardianto(FA), Arief Haryanto(FA), Sandro Miharadi(FA), Baltasar Lumbantobing, Daniel Subeng, Arief Sanjaya, Chandra Wijaya, Andika Mahendra, Roland Winata, Auliya Harditio, Paulus Aldo, George Pradipta, I Nyoman Wira, Stefan Valiant, Joko Wisnugroho, Galih Saman, Hanif Prabowo, Akbar Fadlih, Wisnu Suryantoro, Kevin Gunawan, Paripurna Bawonoputro, Ars-vita Alamsyah

### Sponsors スポンサーリスト

PT Dirgantara Indonesia

## Presentation プレゼンテーション

マシン名: **Mushika-02**

First thing we focused on changed the whole of suspension design to fit the rules given. A slight modify applied to our car's frame to make it easier for powertrain installation. The other side, we improved the powertrain division by redesign engine's radiator, fuel tank, shifter, electrics and drivetrain (tensioner added).

In the middle of the year, our engine broke and this was our biggest problem since we don't have spare and couldn't do anything related to performance testing like acceleration test, skidpad, endurance and brake test. Yet we managed to continue the build of car's body and wings to get more points in static event and get aerodynamic advantages. After our engine got repaired and everything settled we began to do the performance test and improved the car's reliability and stability.

Until now we are still doing some performance test and minor improvement to get our car perfect enough for next year's competition.

## Participation report 参戦レポート

We already submitted all document requirements for the 2014 Monozukuri Design Competition but unfortunately we couldn't make it there due to financial problems. We are looking forward to the 2015 competition.