Jan. 21, 2019
Hayato Nishimura (Team leader)

Outline

- Tohoku University Formula Team (What’s Student Formula?)
- Our Machine TF-18
- Result
- Future Goal

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What is TUFT: Tohoku University Formula Team?

We develop Electric Racing Cars.

Our purpose is to win the Student Formula Japan.

Whole processes are coordinated by students.

We don’t just design and manufacture cars, but also collect sponsorship and manage budget.
What's student formula?

To challenge design, fabricate, develop and compete with small, formula style, vehicles.

Name of competition: 2018 Student Formula
Date: Sep. 4~8, 2018
Place: Ogasayama Sports Park ECOPA (Shizuoka prefecture)

2018 Theme

Beyond

TF-18

1. Light Weight
   330kg → 300kg (the 2nd lightest in Japan)
2. Use new battely produced by Tohoku University

Result

Overall Result

1st Osaka University 853.34pt
2nd Kyoto Institute of Technology 840.46pt
3rd Nagoya University (EV) 776.51pt
81st Tohoku University (EV) 51.86pt
Result

<table>
<thead>
<tr>
<th>Items</th>
<th>Rank of 106 teams (ICV + EV)</th>
<th>Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Inspection</td>
<td>Not Passed</td>
<td>—</td>
</tr>
<tr>
<td>Static Events</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost and Manufacturing</td>
<td>46</td>
<td>23.36pt/100pt</td>
</tr>
<tr>
<td>Design</td>
<td>63</td>
<td>46pt/150pt</td>
</tr>
<tr>
<td>Presentation</td>
<td>21</td>
<td>23.36pt/100pt</td>
</tr>
<tr>
<td>Dynamic events</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acceleration</td>
<td>Do not started</td>
<td>0pt/75pt</td>
</tr>
<tr>
<td>Skid Pad</td>
<td>Do not started</td>
<td>0pt/50pt</td>
</tr>
<tr>
<td>Autocross</td>
<td>Do not started</td>
<td>0pt/150pt</td>
</tr>
<tr>
<td>Endurance</td>
<td>Do not started</td>
<td>0pt/300pt</td>
</tr>
<tr>
<td>Efficiency</td>
<td></td>
<td>0pt/100pt</td>
</tr>
<tr>
<td>Over all result</td>
<td>81</td>
<td>51.86pt/1000pt</td>
</tr>
</tbody>
</table>

Tohoku University Formula Team

Future Plans

- Next Product
  TF-19
  Extreme easy to handle

Drivability
- Accurate Response
- Stable Maneuverability
- “Feel” the Car

Maintainability
- Accessibility
- Convenient Setup
- Electrically Safe

KEYWORDS

Thank you for your attention.