VIP as a tool to promote scientific publication writing

Team «Bioenergy»

Riga Technical University
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Atlanta 2024
Team «Bioenergy»

kurbadsECO
BIOWASTE RECYCLING

Smart biowaste composter for urban households:
❖ Online monitoring
❖ Reduced odor
❖ Less food waste

59%

kurbadsECO
Waste bin
Team «Bioenergy» timeline...

- 2019 autumn
- 2020 spring autumn
- 2020 spring
- 2021 autumn
- 2021 spring
- 2022 autumn
- 2022 spring
- 2023 autumn
- 2023 spring
- 2024

Selection of the topic:

- Biogas
- Biodiesel
- Biohydrogen
- Bioethanol
- Composting

Applications:
- Food waste
- Heat generation
Team «Bioenergy» timeline...

- 2019: Selection of the topic
- 2020: Laboratory experiments and pilot construction
- 2021: First scientific publication
  - First international presentation
- 2022: First project proposal
- 2023: First semester with no funding
Spring 2024

• Core task – publication writing
• 8 students (5 CP, 3 – seniors)
• Regular group meetings with practical tasks and theoretical lectures
• Activity plan:

<table>
<thead>
<tr>
<th>Theoretical background</th>
<th>Reading of scientific publications (each)</th>
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<tbody>
<tr>
<td></td>
<td>Introduction to available data (seniors)</td>
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<tr>
<td>Research question</td>
<td>Theory: Introduction, research question, main principles</td>
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<td></td>
<td>Formulation, set up of the aim</td>
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<tr>
<td>Results</td>
<td>Theory</td>
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<td>Formulation of results, methods writing</td>
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<td>Conclusions/Discussion</td>
<td>Writing</td>
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Spring 2024

Expectations vs Reality

- Active engagement
- Regular attendance
- Fulfillment of the tasks
- Interest in taking the lead
- Finalized paper within 3-4 months

- Low interest
- Constant excuses for inability to attend meetings
- Transfer of responsibility
- Formal fulfillment of tasks
Current outcome:

And still struggling
Contacts

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