

**SETHU INSTITUTE OF TECHNOLOGY, PULLOOR, KARIAPATTI- 626 115**  
(An Autonomous Institution)  
**DEPARTMENT OF AGRICULTURE ENGINEERING**

**MINUTES OF 2<sup>nd</sup> MEETING OF BOARD OF STUDIES HELD ON 30.06.2017**

The second meeting of Board of Studies was held on 30.06.2017 in the Department of Agriculture Engineering at Sethu Institute of Technology.

The Dr.R.Kumutha welcomed the members and presented the following,

- Proposed Curriculum and syllabus for Agriculture Engineering program under Regulations 2015
- The syllabus for the new open elective courses and one credit courses under Regulation 2015
- Department Vision, Mission, PEO's and Po's

**1. B.E. Agriculture Engineering Program:**

The members discussed the new curriculum and syllabus for B.E. Agriculture Engineering to be followed for the students admitted from 2016-17 academic year onwards under autonomous regulation and offered useful suggestions

Based on the suggestions given by the members, the following resolutions are made:

1.1. It is resolved to remove the subtopic "Participatory Management of Irrigation systems" in Unit I for the course 15UAG204 Principles of Agricultural Engineering

**1.2 It is resolved to introduce the following New Courses**

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|-------------|--|
| 1. 15UAG204 | Principles of Agricultural Engineering     |
| 2. 15UAG206 | Agricultural Engineering Practices Lab     |
| 3. 15UAG303 | Fundamentals of Engineering Mechanics      |
| 4. 15UAG408 | Tractors and Farm Engines Laboratory       |
| 5. 15UAG502 | Tillage and Sowing Implements              |
| 6. 15UAG503 | Plant Protection and Harvesting Equipments |
| 7. 15UAG506 | Bio-Energy Laboratory                      |
| 8. 15UAG507 | Tillage and Sowing Equipments Laboratory   |

9.	15UAG703	Farm Management and Finance
10.	15UAG707	Post Harvest And Food Process Engineering Laboratory
11.	15UAG808	Innovative And Creative Project
12.	15UAG861	Introduction to renewable energy
13.	15UAG862	Mushroom Cultivation
14.	15UAG863	Vermicompost Technology
15.	15UAG864	Green House Technology
16.	15UAG865	Water Harvesting Technology
17.	15UAG865	Entrepreneurship Development And Management
18.	15UAG868	Farm Machinery Management And Cost Economics
19.	15UAG869	Fruits and Vegetable processing
20.	15UAG870	Nursery Technology
21.	15UAG973	Fundamentals of Horticulture
22.	15UAG974	Organic Farming Technology

1.3 It is resolved to rename the elective course 15UAG901 Refrigeration and Air Conditioning for Agricultural Engineers as course 15UAG901 Refrigeration and Conditioning for Agricultural Engineering.

The members of Board of Studies also suggested that the following experiments may be added in the relevant laboratory courses

- On field demonstration using Combined Harvester
- Different seed metering mechanisms adapted for sowing small seeds
- Water flow measurement experiments with different notches
- Agricultural wastes and byproducts conversion to energy experiments.

The Board of Studies of Department of Agriculture Engineering recommends the Curriculum and Syllabi of B.E. Agriculture Engineering Program to be followed for students admitted from

2016-17 academic year onwards under autonomous regulations 2015 with the above modifications for approval in the Academic Council.

Dr. C.Vijayanand thanked the members for their contribution and suggestions in framing the curriculum and syllabi for B.E.Agriculture Engineering program under Autonomous Regulations (R 2015).

A handwritten signature in blue ink, appearing to read 'C. Vijayanand', with a stylized flourish extending to the right.

**CHAIRMAN**

Board of Studies  
Agriculture Engineering