

**SETHU INSTITUTE OF TECHNOLOGY, PULLOOR, KARIAPATTI- 626 115**

(An Autonomous Institution)

**DEPARTMENT OF AGRICULTURE ENGINEERING**

**Minutes of 3<sup>rd</sup> meeting of board of studies held on 13.08.2018**

The Dr.V.Dharmaraj Chairman welcomed the members and presented the following,

- Proposed syllabus for B.E. Agriculture Engineering program under Regulations 2015.
- The syllabus for the additional professional and open elective courses in Regulations 2015.
- The syllabus for additional one credit courses in Regulations 2015.
- Department Vision, Mission, PEO's and PO's.
- Stakeholder's feedback regarding change in syllabus.

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

- The members discussed the syllabus for B.E.Agriculture Engineering to be followed for the students admitted from 2016-17 academic year onwards under autonomous regulation 2015 and offered useful suggestions.

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

1.1. It is resolved to introduce a laboratory exercise to work out the fertilizer requirement for different crops in the course 15UAG307 Crop Husbandry Laboratory.

**1.2. It is resolved to introduce the following new courses**

- |       |          |   |
|-------|----------|---|
| I.    | 15UAG904 | Watershed Management                          |
| II.   | 15UAG905 | Micro Irrigation                              |
| III.  | 15UAG906 | On Farm Water Management                      |
| IV.   | 15UAG907 | Farm Power And Machinery Management           |
| V.    | 15UAG909 | Fruits And Vegetables Processing              |
| VI.   | 15UAG915 | Design of Food Processing Equipment           |
| VII.  | 15UAG916 | Manufacturing Processes                       |
| VIII. | 15UAG917 | Testing And Management of Farm Machinery      |
| IX.   | 15UAG918 | Design And Construction of Green House        |
| X.    | 15UAG919 | Farm Structures                               |
| XI.   | 15UAG920 | Energy Auditing and Management                |
| XII.  | 15UAG921 | Bio And Thermo Chemical Conversion of Biomass |
| XIII. | 15UAG951 | Automation in Agriculture Engineering         |

1.3. It is resolved to introduce the following open elective course

- i. 15UAG976 Seed production technology
- ii. 15UAG977 Sericulture technology
- iii. 15UAG978 Basics of landscape gardening

1.4. It is resolved to include the following one credit courses

- i. 15UAG869 Green building
- ii. 15UAG870 Liquid biofuels
- ii. 15UAG871 Solar PV system

1.5 It is resolved to rearrange and include evaluate level questions in each unit of the assessment questions based on blooms taxonomy.

The Board of Studies of Department of Agriculture Engineering recommends the syllabus or B.E. Agriculture Engineering to be followed for the students admitted from 2016-17 academic year onwards under autonomous regulations with the above modifications for approval in Academic Council.

Dr.C.Vijayanand thanked the members for their contribution and suggestions in modification of the syllabus for B.E. Agriculture Engineering program under Autonomous Regulations.



**CHAIRMAN**

Board of Studies  
Agriculture Engineering